1987-1988 STATISTICAL PROFILE OF IOWA

Iowa
DEPARTMENT OF
ECONOMIC DEVELOPMENT

How many of these quick facts about Iowa do you know?

- Over one million Iowans are employed in nonagricultural jobs.
- Among the fifty states, Iowa ranks 27th in population and 25th in land area.
- The median age of Iowans is 30.
- Iowa has more miles of road than 40 other states, even though it's only twenty-fifth in area.
- Iowa farmers produced more than $9 billion in crops and livestock in 1985.
- The violent crime rate in Iowa is only 38% of the national average.
- 119 of Fortune magazine's "Top 500" companies have manufacturing plants in Iowa.
- Iowa has more than 350 airports. You cannot drive more than 30 minutes in any direction in Iowa without finding an airport suitable for a company jet.
- There are 2,936 registered aircraft in Iowa.
- The 1985 census estimate for Iowa's population was 2,884,000.
- In 1985 the largest source of personal income for Iowans was manufacturing, followed by services, wholesale/retail trade, and government.
- In 1985 Iowa ranked first in production of corn, second in soybeans.
- The assets of Iowa's 34 home-based life insurance companies are more than $22.3 billion.
- One out of ten jobs in Iowa's manufacturing sector are directly or indirectly related to exports.
- Over 852,000 pheasants were harvested in Iowa during 1985.
- Of Iowa's total population, 77.6% were born here.
- In 1985 nearly 34 million tons of cargo moved on the Mississippi River-Rock Island District.
- Iowa has over 1.5 million acres of forest land.
- 26% of America's pork and 8% of the nation's grain-fed beef are raised in Iowa.
- Iowa ranked second in value of agricultural exports with $2,469.1 million in 1985.
- Iowa ranks fourth in the United States in the quantity of gypsum produced.
- 88.0% of Iowa's 17 and 18 year olds graduate from high school as compared to a national average of 74.9%.

Iowa
DEPARTMENT
OF ECONOMIC
DEVELOPMENT

1987
STATISTICAL PROFILE OF IOWA

IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT
200 East Grand
Des Moines, Iowa 50309

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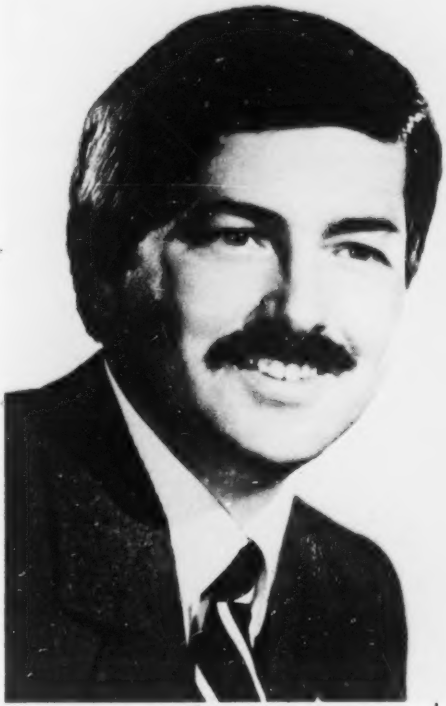
Office of the Governor
STATE CAPITOL
DES MOINES IOWA 50319



Dear Friends:

The data charts and graphs within this Statistical Profile reveal Iowa's well educated, productive work force, quality of life, diverse business community and attractive business climate. This information makes it clear: Iowa is poised for economic development, has the top educational system, and provides a quality of life unsurpassed by any other state in the nation.

Some of the vital facts about Iowa are:

- Iowa workers are 22% more efficient than the national average. The typical Iowan employed in manufacturing produces $17,170 more value per year than his/her average counterpart throughout America.
- Iowa high school students' average on the American College Test (ACT) was the highest in the nation.
- Iowa is an ideal distribution point. Open port warehousing in Iowa saves tax dollars.
- Iowa has one of the lowest violent crime rates in the nation, ranking 42 out of the 50 states.
- Iowa's per capita state government ranks 40th in the nation. Iowa's future is not mortgaged. Revenue can be used for business and people rather than paying interest.

I invite you to discover Iowa. Iowa is ideally positioned to meet the needs of our economy for the future.

Sincerely,

Terry E. Branstad

Terry E. Branstad
Governor

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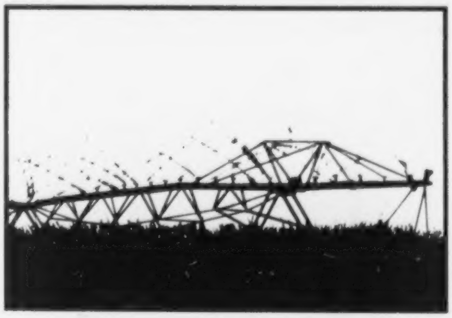
Agriculture

Iowa farmers outproduce the rest



Iowa is truly the heartland of American agriculture.

Iowa farmers produced more than $9 billion in crops and livestock in 1984 — 27% of America's pork and 9% of the nation's grain fed beef in 1984.

Iowa ranked first in corn production (1.6 billion bushels) and second in soybean production (310 million bushels) in 1985.

Selected agricultural production of ten leading states, 1985

	Rank										Iowa %
Item	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**of U.S.**
Crops - 1985											
Total acres of principal crops harvested	IOWA	Ill.	Kans.	Texas	N.D.	Minn.	Neb.	S.D.	Mo.	Ind.	8
Corn for grain	IOWA	Ill.	Neb.	Ind.	Minn.	Ohio	Wis.	Mich.	Mo.	S.D.	19
Corn for silage	Wis.	Minn.	N.Y.	Pa.	Cal.	Neb.	IOWA	Mich.	Ohio	S.D.	5
Soybeans for beans	Ill.	IOWA	Ind.	Mo.	Ohio	Minn.	Ark.	Neb.	Miss.	Tenn.	15
Oats	S.D.	Minn.	IOWA	Wisc.	N.D.	Ohio.	Mich.	Neb.	Pa.	N.Y.	11
Alfalfa hay & mixtures	Wis.	Cal.	Minn.	IOWA	Mich.	Neb.	Kans.	Idaho	Ill.	S.D.	7
All hay	Wis.	Texas	Minn.	Cal.	IOWA	Kans.	Neb.	Mo.	Mich.	Pa.	5
Livestock on Hand											
January 1, 1986											
All cattle and calves	Texas			Okla.	Cal.	IOWA	Mo.	Wis.	S.D.	Minn.	5
Milk cows that have calved	Wis.	Cal.	N.Y.	Minn.	Pa.	Mich.	Ohio	IOWA	Texas	Mo.	3
Beef cows that have calved	Texas	Mo.	Okla.	Neb.	S.D.	Kans.	Mont.	IOWA	Fla.	Tenn.	4
All hogs - December 1985	IOWA	Ill.	Ind.	Minn.	Neb.	Mo.	N.C.	Ohio	S.D.	Kans.	26
All sheep and lambs	Texas	Cal.	Wyo.	Colo.	S.D.	N.M.	Utah	Ore.	Mont.	IOWA	4
Cattle and calves on feed	Texas	Neb.	Kans.	Colo.	IOWA	Ill.	Cal.	S.D.	Ariz.	Olka.	6
Sheep and lambs on feed	Colo.	Cal.	Texas	Ore.	Wyo.	N.M.	S.D.	IOWA	Neb.	Minn.	5
Livestock Production in 1985											
Cattle and calf production	Texas	Neb.	Kans.	IOWA	Olka.	S.D.	Cal.	Colo.	Minn.	Mo.	5
Fed cattle marketed	Texas	Neb.	Kans.	Colo.	IOWA	Cal.	Ill.	Okla.	S.D.	Minn.	8
Hog production	IOWA	Ill.	Minn.	Ind.	Neb.	Mo.	N.C.	Ohio	Kans.	S.D.	27
Sheep production	Texas	Cal.	S.D.	Wyo.	Colo.	Utah	Idaho	Mont.	IOWA	Ore.	4
Turkey production	N.C.	Minn.	Cal.	Ark.	Va.	Mo.	Wis.	IOWA	Pa.	Ind.	4
Calf crop	Texas	Mo.	Wis.	Okia.	Neb.	Cal.	S.D.			Mont.	4
Pig crop	IOWA	Ill.	Minn.	Ind.	Neb.	Mo.	N.C.	Ohio	S.D.	Kans.	26
Turkeys raised	N.C.	Minn.	Cal.	Ark.	Va.	Mo.	Pa.	Ind.	IOWA	Wis.	3
Cattle slaughter[4]	Kans.	Texas	Neb.	IOWA	Colo.	Cal.	Wis.	Ill.	Minn.	Pa.	6
Hog slaughter[4]	IOWA	Ill.	Minn.	Neb.	Minn.	Ohio	Va.	Ind.	Mo.	S.D.	25
Sheep slaughter[4]	Colo.	Cal.	IOWA	Texas	Minn.	S.D.	Mich.	Ill.	N.M.	Wash.	14
Wool production	Texas	Cal.	Wyo.	Colo.	S.D.	Mont.	N.M.	Utah	IOWA	Idaho	3
Milk production	Wis.	Cal.	N.Y.	Minn.	Pa.	Mich.	Ohio	IOWA	Texas	Wash.	3
American cheese	Wis.	Minn.	Cal.	IOWA	Idaho	S.D.	N.Y.	Mo.	N.D.	Ind.	4
Total cheese[5]	Wis.	Minn.	N.Y.	Cal.	IOWA	Pa.	Mo.	Idaho	S.D.	Ohio	5

[1] Crop acres included are: Corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, sunflower, cotton, all hay, dry beans, potatoes, sweet potatoes, tobacco, sugarcane and sugar beets.

[2] Tie between Kansas and Nebraska.

[3] Tie between Iowa and Kansas.

[4] Commercial slaughter based on total live weight.

[5] Excludes cottage cheese.

Cash receipts from sale of farm produce (thousands)

	1970	% of Total	1975	% of Total	1980	% of Total	1984'	% of Total	1985	% of Total
All commodities	$4,129,900	100.0	$6,494,484	100.0	$10,491,035	100.0	$8,939,022	100.0	$9,200,819	100.0
Livestock products	$2,853,411	69.1	3,906,402	60.1	5,535,245	52.8	5,014,616	56.1	4,811,147	52.3
Meat animals	2,528,795	61.2	3,469,497	53.4	4,870,310	46.7	4,360,544	48.8	4,175,159	45.4
Cattle calves	1,431,168	34.6	1,567,561	24.1	2,654,488	25.3	1,757,178	19.7	1,748,500	19.0
Hogs	1,074,409	26.0	1,886,709	29.0	2,196,559	20.9	2,580,883	28.9	2,402,355	26.1
Sheep lambs	23,218	.5	15,227	.2	19,293	.2	22,483	.3	24,304	0.3
Dairy products	220,719	5.4	304,224	4.7	506,847	4.8	473,041	5.3	480,680	5.2
Misc. Livestock	7,094	.2	9,647	.1	19,096	.2	21,343	0.2	21,404	0.2
Poultry & eggs	96,803	2.3	123,034	1.9	138,992	1.3	159,689	1.8	133,904	1.5
Crops	1,276,489	30.9	2,588,082	39.9	4,955,790	47.2	3,924,406	43.9	4,389,672	47.7
Food grains	1,769	*	9,968	.2	10,997	.1	9,993	0.1	13,928	0.2
Wheat	1,697	*	9,811	.1	10,997	.1	9,742	0.1	13,603	0.1
Feed crops	666,508	16.1	1,584,964	24.4	2,703,097	25.8	1,836,541	20.5	2,728,522	29.7
Corn	636,610	15.4	1,508,165	23.2	2,630,431	24.8	1,739,750	19.5	2,660,274	28.9
Oats	17,315	.5	41,082	.6	35,122	.3	31,280	0.3	23,381	0.3
Hay	11,613	.2	34,282	.5	35,815	.3	64,947	0.7	44,281	0.5
Sorghum grain	921	.1	1,389	*	1,729	*	564	*	586	*
Oil crops	582,092	14.1	944,525	14.5	2,172,444	20.7	2,018,386	22.6	1,581,109	17.2
Soybeans	582,036	14.0	944,421	14.5	2,172,444	20.7	2,018,386	22.6	1,581,109	17.2
Vegetables	6,218	.2	10,490	.2	7,427	*	8,007	0.1	8,090	0.1
Fruits, nuts	1,412	*	1,256	*	2,962	*	1,255	*	2,059	*
All other crops	18,490	.5	36,879	.6	64,165	.6	50,224	0.6	55,964	0.6

'Revised.

*less than .1%

Source: Economic Research Service, United States Department of Agriculture.

Farm real estate average value of land and buildings per acre, midwest (dollars)

	1970	1975	1980	1982	1983	1984	1985	1986
Iowa	392	719	1,811	1,889	1,684	1,499	1,064	841
Minnesota	226	429	1,061	1,272	1,165	1,083	823	609
South Dakota	84	145	273	349	348	338	250	215
Nebraska	154	282	600	730	701	617	444	364
Kansas	159	296	573	628	601	583	466	387
Missouri	224	396	878	945	856	856	659	606
Illinois	490	846	2,013	2,023	1,837	1,800	1,314	1,143
Wisconsin	232	434	980	1,144	1,113	1,046	847	711
Indiana	406	720	1,833	1,104	1,610	1,594	1,259	1,058
Ohio	399	706	1,678	1,629	1,504	1,444	1,126	1,013
48 States	196	340	725	823	788	782	679	596

Source: Farm Real Estate Market Developments, U.S. Department of Agriculture, July 1986

Realized gross and net income from farming in Iowa (millions)

Year	Cash Receipts From Farm Marketings	Government Payments	Non-money Income	Other Farm Income	Realized Gross Farm Income	Farm Production Expenses	Realized Net Farm Income	Net Change In Farm Inventories	Total Net Farm Income
1976	$ 7,154.7	$ 26.8	$382.9	$ 80.1	$ 7,644.5	$6,544.7	$1,099.8	-173.8	$ 926.0
1977	6,894.2	28.9	516.2	95.8	7,535.0	6,889.5	6745.5	362.7	1,008.2
1978	8,553.9	271.0	528.2	74.6	9,427.6	7,608.1	1,819.6	414.1	2,233.6
1979	9,262.5	69.2	547.8	80.9	9,960.4	8,728.2	1,232.1	614.3	1,846.4
1980	10,262.1	44.6	645.7	76.4	11,028.7	9,673.9	1,354.9	-644.8	710.0
1981'	10,620.5	58.2	727.5	84.6	11,490.8	9,908.9	1,581.9	259.6	1,841.5
1982'	10,012.4	215.9	693.2	301.7	11,223.2	9,917.3	1,305.9	-381.3	924.6
1983'	9,233.0	925.9	586.7	282.1	11,027.7	9,235.3	1,792.4	-2,043.2	-250.7
1984'	8,939.0	742.8	536.2	192.4	10,410.4	9,330.0	1,080.4	654.2	1,734.6
1985	9,200.8	691.1	385.0	346.3	10,623.2	8,858.4	1,764.8	-66.4	1,698.5

'Revised figures

Source: Economic Indicators of the Farm Sector: State Balance Sheet and Statistics, 1985. Economic Research Service, U.S.D.A.

State rankings: Cash receipts, Iowa and ten leading states

Source of Cash Receipts[1]	Rank 1	2	3	4	5	6	7	8	9	10
1984										
Crops	Cal.	Ill.	IOWA	Texas	Fla.	Minn.	Neb.	Kans.	N.C.	Ind.
Livestock and Livestock Products	Texas	IOWA	Neb.	Cal.	Wis.	Kans.	Minn.	Pa.	Colo.	Ill.
Total	Cal.	Texas	IOWA	Neb.	Ill.	Minn.	Kans.	Wis.	Fla.	N.C.
1985[2]										
Crops	Cal.	Ill.	IOWA	Texas	Minn.	Fla.	Neb.	Ind.	Kans.	Ohio
Livestock and Livestock Products	Texas	IOWA	Neb.	Cal.	Wis.	Kans.	Minn.	Ill.	Pa.	Mo.
Total	Cal.	IOWA	Texas	Neb.	Ill.	Minn.	Kans.	Wis.	Ind.	Fla.

[1] Excludes government payments

[2] Preliminary

Source: Iowa Agricultural Statistics, 1986

Characteristics of Iowa farms[1]

Year	Agricultural Workers (Hired & Owners)[2]	Number of Farms[4]	Average Size Farms[4]	Total Land in Farms (1,000 Acres)[4]	Owned By Operator % of Total[5]	Rented By Operator % of Total[5]
1970	165,400	140,354	237	33,570	50.7	49.3
1975	168,500	127,000	269	33,900	N/A	N/A
1976	159,400	130,000	262	34,100	N/A	N/A
1977	161,300	125,000	273	33,800	N/A	N/A
1978	166,700	126,456	266	33,581	46.5	53.5
1979[2]	163,600	121,000	281	33,800	N/A	N/A
1980[2]	128,400	119,000	286	33,800	N/A	N/A
1981[2]	125,600	118,000	286	33,800	N/A	N/A
1982[2]	122,900	117,000	289	33,800	45.9	54.1
1983[2]	120,300	115,000	293	33,700	N/A	N/A
1984[2]	117,700	113,000	297	33,600	N/A	N/A
1985[2]	115,200	111,000	303	33,600	N/A	N/A
1986	116,200[3]	109,000	308	33,600	N/A	N/A

[1] A farm is defined as a place with annual receipts of $1,000 or more of agricultural products.

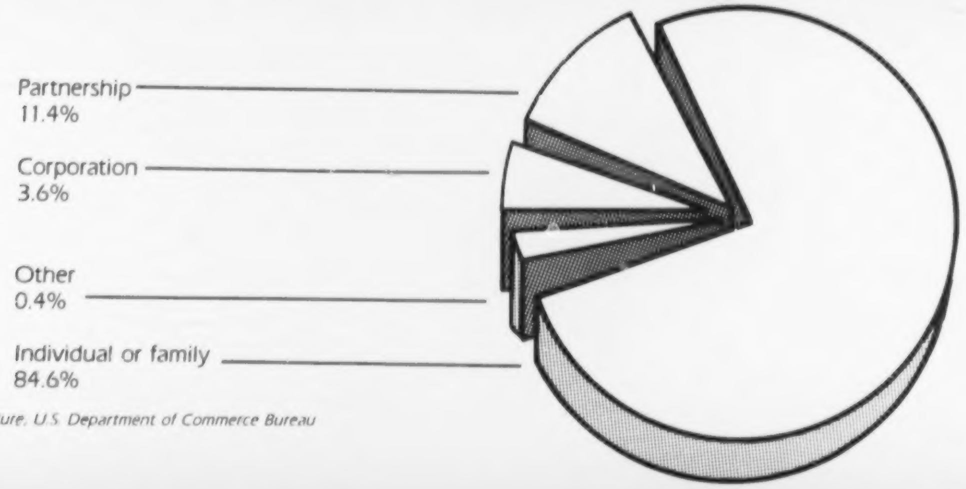
[2] Revised figures, *Source: Job Service of Iowa.*

[3] Estimated from first ten months of 1986.

[4] Iowa Agricultural Statistics.

[5] Census of Agriculture, 1970, 1974, 1978, 1982, U.S. Department of Commerce, Bureau of the Census.

Iowa farms by type of organization, 1982



Source: 1982 Census of Agriculture, U.S. Department of Commerce Bureau

Wage rates[1] for selected farm workers, 1986

	Field Workers	Livestock Workers	Field and Livestock Workers Combined	All Hired Farm Workers
Cornbelt I[2]	$4.22	$4.25	$4.23	$4.61
Cornbelt II[3]	4.34	4.15	4.27	4.46
Lake[4]	4.38	3.36	3.98	4.10
Northern Plains[5]	4.64	4.80	4.68	4.53

[1] Dollars per hour
[2] IL, IN, OH
[3] IA, MO
[4] MI, MN, WI
[5] KS, NE, ND, SD
Source: Farm Labor, Crop Reporting Board, Statistical Reporting Service, U.S. Department of Agriculture, 1986.

Iowa farmers by age group

Operators by age group	1969	1974	1978[1]	1982
Under 25 years	3,600	4,280	6,339	5,602
25 to 34 years	18,734	15,835	19,205	20,346
35 to 44 years	31,235	24,153	23,918	22,548
45 to 54 years	39,255	33,688	30,341	26,104
55 to 64 years	33,543	31,404	28,959	27,594
65 years and over	14,347	15,335	12,577	13,219
Average age	48.7	49.3	47.5	47.6

[1] Revised
Source: 1982 Census of Agriculture, U.S. Department of Commerce, Bureau of Census.

Farm equipment retail sales, Iowa

	1980	1981	1982	1983	1984[2]	1985[1,3]
Farm wheel tractors, 40 PTO horsepower and over	7,136	6,091	4,794	4,433	3,093	1,962
Self propelled combines	2,928	2,966	1,895	1,411	982	635

[1] Includes under 40 PTO
[2] Revised
[3] Estimate
Source: Unit Retail Sales - Implement & Tractor, November 1986.

Federal farm payments by program (thousands)

Program	1970	1975	1980	1983	1984	1985
Conservation	$ 8,832	$ 7,233	$ 7,615	$ 8,125	$ 7,360	$ 7,698
Sugar Act	50	—	—	—	—	—
Wool Act	1,523	—	—	1,440	2,742	2,273
Soil Bank	5	—	—	—	—	—
Feed Grain	221,294	44,286	6,319	262,493	70,408	612,940
Wheat	809	460	96	498	858	948
Cropland Adjustment	3,302	668	—	—	—	—
Drought and Flood	—	—	7	—	—	—
Miscellaneous	—	474	30,526	626,928	661,395	62,277
Total	235,815	53,121	44,563	899,484	742,763	691,136

Source: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, 1985, National Economic Research Service, U.S.D.A.

Principal machines on Iowa farms

	1980	1983	1984	1985	1986
Wheel and Crawler Tractors	328,292	320,000	314,000	297,000	295,300
Self-propelled Combines	55,889	65,900	65,900	59,200	58,830
Corn Pickers, Corn Heads & Picker-Shellers	53,427	63,600	64,000	59,000	58,140
Pick-up Balers	34,400	42,000	41,000	48,000	47,500
Side Delivery Rakes	86,400	99,000	97,900	85,000	84,000
Motor Trucks & Pickups	148,000	150,500	150,700	149,600	148,400
Power Elevators	185,000	207,800	208,800	184,700	185,865
Tractor Moldboard Plows	235,000	219,500	215,500	196,000	193,500
Field Forage Harvesters	19,479	26,500	26,300	16,800	16,500
Manure Spreaders	110,000	108,000	106,000	91,300	90,950
Corn Planters	109,000	115,500	114,500	99,800	98,700
Grain Drills	59,600	66,200	65,700	57,300	56,500
Hay Conditioners	26,631	34,200	34,400	29,500	29,700

'Revised

Source: Principal Machines on Farms - Implement & Tractor, November 1986.

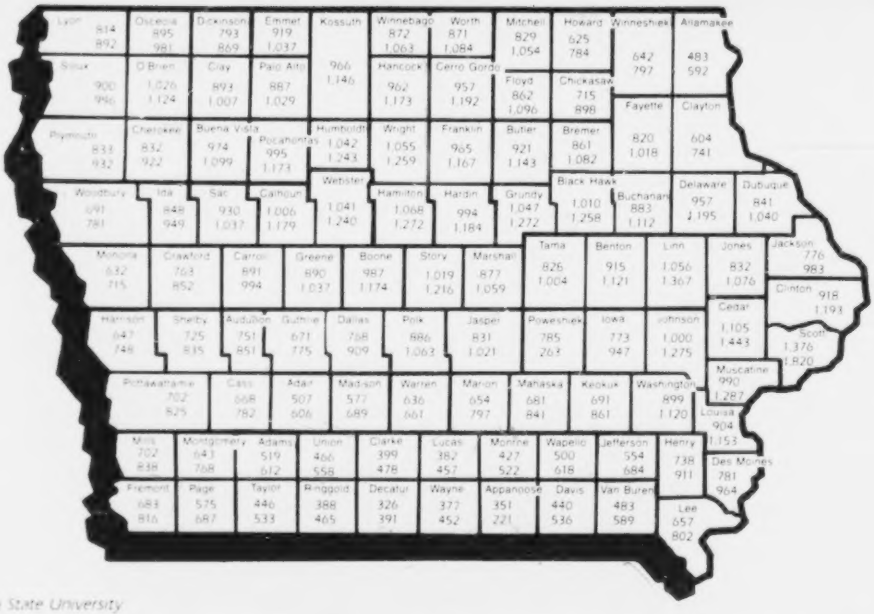
Comparison of income spent on food, U.S. and selected countries

	% of population involved in Food Production 1984	% of disposable Income Spent on Food 1983	Positive food Trade Balance in Billion $ 1984	Minutes Worked to Earn		
				1 lb. Beef	1 lb. Bread	1 Dozen Eggs
United States	1.8	12.4	18.4	16	4	6
Australia	5.0	16.3	6.5	22	4	11
Brazil	35.1	30.0	8.9	135	43	73
China	56.4	60.0	-6.7	455	N/A	205
France	7.1	18.1	3.4	34	8	13
Italy	8.9	26.8	-7.6	N/A	46	131
Japan	8.5	23.5	-17.8	174	7	12
Mexico	32.7	35.4	-7.8	132	52	62
Canada	4.1	14.2	3.4	335	N/A	48
Soviet Union	14.0	32.0	-17.1	60	8	71
United Kingdom	1.8	15.0	-6.8	57	4	16

N/A = Not Available.

Source: Agricultural Council of America

Average value of farm land, 1986

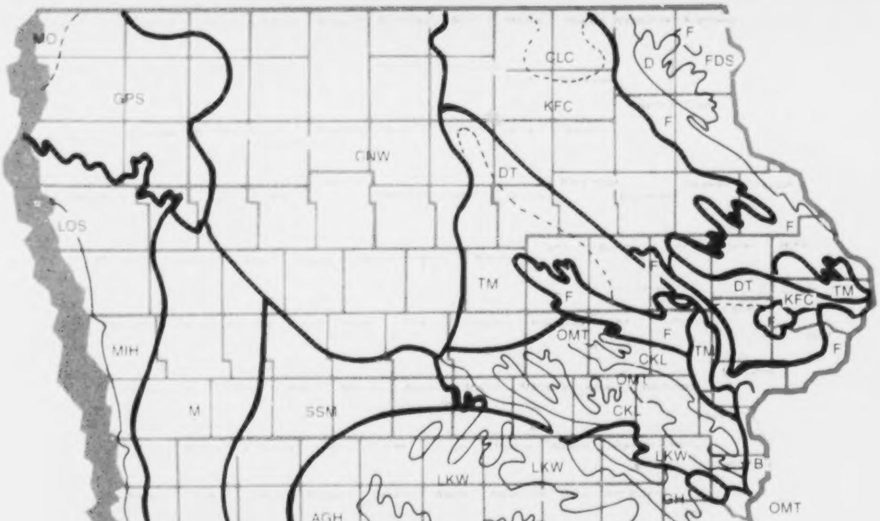


November 1, 1986 above
November 1, 1985 below

Source: Cooperative Extension Service, Iowa State University

County estimates of average dollar value per acre for Iowa farmland based on U.S. Census of Agriculture estimates and a November 1, 1986 survey of Iowa real estate brokers. The top figure is the estimated November 1, 1986, value; the bottom figure is the estimated November 1, 1985 value.

Principal soil - association areas



B	SOILS OF MISS. BOTTOMLAND
-----	TENTATIVE BOUNDARY
—	GRADATIONAL BOUNDARY
═	ABRUPT BOUNDARY
AGH	ADAIR-GRUNDY-HAIG
ASE	ADAIR-SEYMOUR-EDINA
CKL	CLINTON-KESWICK-LINDLEY
CLC	CRESCO-LOURDES-CLYDE
CNW	CLARION-NICOLLET-WEBSTER
D	DOWNS
DT	DINSDALE-TAMA
F	FAYETTE
FDS	FAYETTE-DUBUQUE-STONYLAND
GPS	GALVA-PRIMGHAR-SAC
GH	GRUNDY-HAIG
KFC	KENYON-FLOYD-CLYDE
LKW	LINDLEY-KESWICK-WELLER
LOS	LUTON-ONAWA-SALIX
M	MARSHALL
MIH	MONONA-IDA-HAMBURG
Mo	MOODY
OMT	OTLEY-MAHASKA-TAINTER
SSM	SHELBY-SHARPSBURG-MAC
TM	TAMA-MUSCATINE

Number and average size of farms

County and District	Number of Farms				Average acres per farm			
	1982	1983	1984	1985[1]	1982	1983	1984	1985[1]
Buena Vista	1,250	1,240	1,160	1,140	284	285	303	309
Cherokee	1,180	1,160	1,190	1,170	305	306	299	304
Clay	1,030	1,030	1,030	1,010	336	338	336	342
Dickinson	660	660	640	630	341	346	354	360
Emmet	720	720	700	690	334	337	344	349
Lyon	1,390	1,390	1,360	1,330	264	264	267	273
O'Brien	1,240	1,240	1,310	1,280	286	287	269	275
Osceola	820	820	820	800	299	303	301	308
Palo Alto	1,050	1,050	1,000	980	330	335	349	356
Plymouth	1,890	1,880	1,840	1,800	286	286	290	297
Pocahontas	1,150	1,140	1,090	1,070	312	312	326	332
Sioux	1,920	1,880	2,060	2,000	245	246	227	234
N.W. District	14,300	14,210	14,200	13,900	294	296	295	301
Butler	1,500	1,480	1,440	1,420	237	237	245	249
Cerro Gordo	1,020	1,020	1,020	1,000	325	330	332	338
Floyd	1,120	1,100	1,080	1,060	275	276	281	286
Franklin	1,170	1,170	1,140	1,120	302	307	314	320
Hancock	1,210	1,190	1,150	1,130	292	293	304	310
Humboldt	850	850	830	820	315	318	322	326
Kossuth	1,920	1,880	1,850	1,820	317	319	324	330
Mitchell	1,030	1,000	990	970	283	287	292	298
Winnebago	870	850	830	820	283	285	293	297
Worth	830	810	780	770	293	298	311	315
Wright	1,080	1,040	990	970	332	340	359	367
N.C. District	12,600	12,390	12,100	11,900	295	298	306	311
Allamakee	1,170	1,150	1,110	1,100	325	329	337	340
Black Hawk	1,370	1,370	1,320	1,310	211	226	234	235
Bremer	1,310	1,300	1,250	1,240	200	200	208	210
Buchanan	1,480	1,450	1,370	1,370	236	239	252	252
Chickasaw	1,150	1,140	1,150	1,140	269	271	265	268
Clayton	1,810	1,720	1,680	1,680	252	262	277	277
Delaware	1,490	1,480	1,440	1,430	235	236	242	244
Dubuque	1,690	1,660	1,670	1,670	209	210	209	209
Fayette	1,780	1,670	1,600	1,580	249	265	276	279
Howard	1,060	1,060	1,030	1,020	275	276	280	283
Winneshiek	1,790	1,730	1,680	1,660	236	241	250	253
N.E. District	16,100	15,730	15,300	15,200	243	248	255	257
Audubon	980	910	890	870	287	305	312	319
Calhoun	1,120	1,120	1,140	1,120	311	316	309	314
Carroll	1,320	1,320	1,370	1,350	268	270	256	262
Crawford	1,600	1,590	1,480	1,450	281	281	300	306
Greene	1,050	1,050	1,030	1,000	336	338	344	351
Guthrie	1,100	1,100	1,080	1,060	333	334	337	344
Harrison	1,230	1,230	1,170	1,150	349	350	363	370
Ida	880	870	860	840	310	311	312	320
Monona	990	980	920	900	431	432	458	468
Sac	1,100	1,100	1,120	1,100	323	326	317	323
Shelby	1,220	1,210	1,290	1,260	303	305	283	290
Woodbury	1,790	1,680	1,550	1,500	288	304	329	340
W.C. District	14,400	14,160	13,900	13,600	315	319	323	330
Boone	1,220	1,210	1,130	1,110	274	280	299	304
Dallas	1,190	1,180	1,180	1,160	296	296	293	298
Grundy	1,170	1,170	1,110	1,090	268	271	282	287
Hamilton	1,230	1,210	1,130	1,110	288	291	310	316
Hardin	1,180	1,180	1,180	1,160	295	297	294	299
Jasper	1,550	1,530	1,550	1,510	290	291	283	293
Marshall	1,210	1,200	1,170	1,150	286	288	294	299
Polk	1,200	1,160	1,090	1,060	217	222	239	243
Poweshiek	1,210	1,200	1,130	1,110	299	301	316	322
Story	1,140	1,140	1,220	1,200	293	295	274	278
Tama	1,620	1,570	1,480	1,440	275	280	296	304
Webster	1,280	1,280	1,330	1,300	332	333	319	326
C. District	15,200	15,030	14,700	14,400	284	287	292	298

Number, size of farms (continued)

County and District	Number of Farms				Average acres per farm			
	1982	1983	1984	1985[1]	1982	1983	1984	1985[1]
Benton	1,460	1,460	1,550	1,520	298	301	281	286
Cedar	1,270	1,270	1,300	1,270	277	280	271	277
Clinton	1,620	1,590	1,540	1,510	251	252	266	271
Iowa	1,170	1,170	1,130	1,110	309	309	320	325
Jackson	1,460	1,440	1,390	1,360	267	268	273	279
Johnson	1,390	1,390	1,480	1,450	242	243	228	233
Jones	1,370	1,340	1,280	1,250	261	262	273	279
Linn	1,690	1,690	1,770	1,710	231	231	220	228
Muscatine	930	930	980	960	270	271	256	261
Scott	1,040	1,040	1,080	1,060	232	235	221	225
E.C. District	13,400	13,320	13,500	13,200	263	264	259	265
Adair	1,070	1,060	1,040	1,000	336	337	343	356
Adams	730	730	720	700	365	365	368	378
Cass	1,060	1,060	1,060	1,010	329	329	327	340
Fremont	740	730	760	730	428	428	412	428
Mills	720	710	670	650	375	377	399	411
Montgomery	780	780	750	720	333	334	348	362
Page	1,050	1,050	1,040	1,000	313	315	316	329
Pottawattamie	1,890	1,850	1,790	1,740	297	306	314	323
Taylor	960	920	870	850	351	364	383	397
S.W. District	9,000	8,890	8,700	8,400	339	343	349	361
Appanoose	1,010	930	880	880	287	304	329	329
Clarke	690	90	750	740	385	386	352	357
Decatur	790	770	750	740	417	426	433	439
Lucas	820	780	750	740	321	333	340	345
Madison	1,250	1,160	1,130	1,120	283	301	307	310
Marion	1,270	1,240	1,210	1,200	244	247	255	257
Monroe	800	780	740	730	333	340	357	362
Ringgold	830	800	760	750	409	424	444	450
Union	710	710	760	750	369	369	342	346
Warren	1,390	1,370	1,360	1,350	250	250	246	248
Wayne	840	840	810	800	383	386	400	405
S.C. District	10,400	10,070	9,900	9,800	322	330	334	338
Davis	1,060	1,010	930	930	294	308	334	334
Des Moines	790	790	800	790	276	279	273	277
Henry	980	970	940	930	266	267	279	282
Jefferson	990	950	880	870	269	274	299	303
Keokuk	1,170	1,170	1,170	1,160	305	305	305	307
Lee	1,120	1,090	1,040	1,030	264	268	283	286
Louisa	720	710	680	670	328	328	343	348
Mahaska	1,360	1,280	1,240	1,220	260	274	283	288
Van Buren	970	940	870	870	304	311	341	341
Wapello	1,180	1,050	940	930	213	238	266	268
Washington	1,260	1,240	1,210	1,200	276	278	284	287
S.E. District	11,600	11,200	10,700	10,600	275	283	297	300
State	117,000	115,000	113,000	111,000	289	293	297	303

[1] Preliminary

Source: Iowa Agricultural Statistics

Corn and soybeans harvested

County and district	Corn 1984 Yield (bu/A)	Corn 1984 Production (000 bu.)	Corn 1985 Yield (bu/A)	Corn 1985 Production (000 bu.)	Corn for Silage 1984 (000 s of Tons)	Corn for Silage 1985 (000 s of Tons)	Soybeans 1984 Yield (bu/A)	Soybeans 1984 Production (000 bu.)	Soybeans 1985 Yield (bu/A)	Soybeans 1985 Production (000 bu.)
Buena Vista	98.3	15,426	132.4	21,282	62	40	31.5	4,005	39.3	4,855
Cherokee	116.4	15,915	126.4	18,464	146	60	35.9	3,435	39.2	3,787
Clay	104.2	13,706	134.0	17,786	96	128	32.2	4,127	35.5	4,421
Dickinson	114.7	10,240	123.9	11,859	31	61	31.7	2,324	33.5	2,405
Emmet	101.9	12,099	133.1	16,959	82	46	30.0	2,793	36.1	3,337
Lyon	103.5	16,057	119.9	18,629	109	105	35.0	4,163	35.8	4,071
O'Brien	113.0	17,795	131.7	21,396	63	48	36.1	4,986	36.9	4,894
Osceola	112.1	11,483	125.4	13,797	38	28	35.9	3,630	33.3	3,081
Palo Alto	100.1	16,452	132.3	24,087	64	24	30.1	4,174	36.1	4,709
Plymouth	112.6	26,063	121.8	29,053	140	122	35.8	4,706	39.8	5,030
Pocahontas	101.4	15,557	146.4	24,621	36	20	31.5	4,853	39.5	5,819
Sioux	115.1	25,139	130.0	30,219	172	202	38.2	4,787	40.9	4,770
N.W. District	107.9	195,932	129.8	248,149	1,039	884	33.7	47,983	37.4	51,179
Butler	113.7	13,295	132.5	23,788	51	26	31.3	2,743	37.8	3,183
Cerro Gordo	111.9	18,315	125.8	21,714	28	17	30.2	3,580	34.2	3,837
Floyd	115.7	16,158	131.2	18,366	33	42	31.9	3,527	33.6	3,462
Franklin	117.3	19,463	140.3	24,310	56	18	34.2	4,414	38.6	4,952
Hancock	108.8	18,094	139.4	24,026	76	42	31.7	4,303	35.2	4,662
Humboldt	112.7	13,594	125.0	15,522	54	26	34.4	3,859	37.3	4,008
Kossuth	117.4	30,678	142.4	37,065	109	65	32.8	8,669	38.0	10,244
Mitchell	115.5	13,606	123.0	15,215	94	83	30.9	2,741	31.9	2,568
Winnebago	117.6	13,990	130.5	15,409	24	12	31.4	2,962	32.2	3,079
Worth	117.1	13,281	133.9	15,656	25	14	32.3	2,734	32.5	2,676
Wright	117.0	19,139	133.2	21,656	36	18	34.0	5,429	36.8	5,927
N.C. District	115.0	195,613	133.5	232,727	586	363	32.4	44,961	35.8	48,598
Allamakee	112.7	8,861	114.6	9,295	87	101	30.2	127	32.4	123
Black Hawk	106.5	17,186	130.3	21,268	33	44	31.1	2,787	39.3	3,554
Bremer	115.2	13,403	137.7	16,458	21	62	31.0	1,744	39.2	2,178
Buchanan	118.4	21,353	117.0	22,075	52	46	31.0	2,060	34.6	2,126
Chickasaw	103.4	14,002	115.0	16,169	83	35	28.5	1,895	29.0	1,740
Clayton	116.4	19,528	120.8	20,538	150	128	35.2	183	37.1	178
Delaware	118.2	20,729	114.0	20,861	117	143	30.0	741	35.1	878
Dubuque	124.4	15,048	120.1	14,561	145	169	40.0	124	36.6	106
Fayette	115.8	21,083	122.5	22,906	128	131	33.0	2,551	38.3	2,829
Howard	108.4	12,313	112.6	13,038	65	56	29.2	2,198	27.2	1,950
Winneshiek	112.8	15,327	112.3	15,707	237	197	29.9	520	31.4	524
N.E. District	114.1	178,833	119.8	192,876	1,118	1,112	30.7	14,930	34.7	16,186
Audubon	101.6	11,917	130.6	16,432	58	31	30.7	2,242	39.8	2,703
Calhoun	104.4	18,005	127.1	22,376	27	18	31.1	4,625	38.0	5,263
Carroll	109.3	16,595	129.0	20,213	185	148	33.4	3,447	40.7	3,952
Crawford	110.6	17,797	116.9	20,206	54	33	32.5	2,877	36.9	3,251
Greene	121.2	16,028	132.0	18,057	25	10	34.7	4,985	41.1	5,513
Guthrie	109.0	13,194	122.4	16,301	118	38	29.1	2,212	37.0	2,567
Harrison	103.1	16,066	125.2	21,838	24	14	25.4	2,843	41.7	4,489
Ida	117.9	15,614	124.7	17,063	75	27	34.0	2,543	39.9	2,958
Monona	101.3	15,666	108.7	19,331	78	72	25.0	2,733	37.0	3,900
Sac	108.2	16,028	129.7	19,863	55	36	31.4	3,888	39.3	4,581
Shelby	117.8	21,117	133.7	25,929	93	41	31.3	3,001	40.9	3,576
Woodbury	108.1	21,548	110.8	23,868	58	89	26.2	2,516	38.0	3,405
W.C. District	109.3	199,575	123.6	241,477	850	557	30.5	37,912	39.3	46,158
Boone	120.8	15,355	125.2	16,832	33	15	35.0	4,256	39.9	4,647
Dallas	114.7	16,807	113.6	16,558	35	12	32.1	3,513	35.6	3,898
Grundy	108.7	16,757	127.9	19,864	62	44	34.2	4,091	41.7	4,857
Hamilton	113.6	15,755	140.1	20,430	28	19	34.1	4,480	40.2	5,065
Hardin	124.0	21,114	146.0	25,450	59	61	36.6	4,477	41.7	4,780
Jasper	127.2	22,078	123.9	22,299	49	28	33.2	3,511	40.1	4,147
Marshall	122.7	17,819	131.7	19,666	47	29	35.4	3,233	41.6	3,889
Polk	121.1	11,501	116.6	11,450	21	24	31.0	2,617	35.4	2,859
Poweshiek	115.8	13,259	120.1	14,949	45	25	34.0	2,697	39.1	3,171
Story	119.5	19,203	127.1	21,405	40	38	32.8	4,309	37.2	4,525
Tama	121.1	21,677	123.6	24,294	39	26	33.4	3,628	37.7	4,120
Webster	107.9	17,007	135.2	21,859	32	13	34.2	6,202	38.9	6,569
C. District	118.2	209,332	128.2	235,056	490	334	33.9	47,014	39.7	52,527

Corn and soybeans harvested (continued)

County and district	Corn				Corn for Silage		Soybeans			
	1984		1985		1984	1985	1984		1985	
	Yield (bu/A)	Production (000 bu.)	Yield (bu/A)	Production (000 bu.)	(000 s of Tons)		Yield (bu/A)	Production (000 bu.)	Yield (bu/A)	Production (000 bu.)
Benton	121.2	23,024	113.1	22,419	90	48	34.2	4,292	38.2	4,822
Cedar	134.7	21,505	134.7	22,097	39	38	40.6	2,967	45.0	3,290
Clinton	113.6	25,821	116.1	26,002	93	85	36.7	2,655	41.6	2,963
Iowa	123.4	18,062	128.3	19,135	30	20	34.3	1,727	40.3	2,061
Jackson	110.5	11,931	105.0	11,587	91	112	32.6	280	36.4	309
Johnson	117.7	16,885	114.9	16,691	27	29	32.5	1,873	38.6	2,106
Jones	131.1	20,520	125.3	20,233	131	163	35.4	1,556	38.5	1,602
Linn	126.6	19,306	114.7	17,314	54	38	32.5	2,871	36.3	3,206
Muscatine	127.1	16,214	120.4	15,372	28	46	35.3	1,876	38.6	2,120
Scott	127.4	18,058	129.1	17,504	36	43	42.3	1,775	45.1	1,903
E.C. District	123.2	191,326	120.2	188,354	619	622	35.6	21,872	39.8	24,382
Adair	97.4	11,050	127.9	14,294	36	60	25.4	1,597	39.5	2,529
Adams	70.0	4,254	126.1	8,124	21	28	19.6	954	38.5	1,923
Cass	107.0	12,658	131.9	16,042	88	48	26.7	1,987	37.8	2,867
Fremont	96.5	10,037	122.1	14,494	16	16	23.6	2,291	40.5	4,191
Mills	98.2	9,641	128.6	13,063	21	18	23.7	2,150	38.0	3,525
Montgomery	87.8	7,385	119.0	9,888	19	11	21.9	1,541	36.7	2,630
Page	73.2	6,811	118.3	11,932	29	30	20.5	1,859	39.0	3,257
Pottawattamie	117.0	28,887	135.6	36,190	72	62	30.5	4,727	39.8	6,449
Taylor	60.6	4,550	122.1	10,969	30	17	20.5	1,384	40.0	2,745
S.W. District	95.8	95,273	127.5	134,996	332	288	24.4	18,490	39.0	30,116
Appanoose	89.3	2,858	119.9	5,035	27	14	23.5	730	35.8	999
Clarke	61.2	2,522	130.4	6,260	56	24	21.8	750	38.3	1,223
Decatur	84.2	4,410	120.4	7,790	51	32	20.2	863	35.7	1,388
Lucas	83.9	3,254	115.4	5,341	52	21	19.8	549	37.8	979
Madison	88.6	8,122	117.9	12,265	38	25	23.2	1,378	34.0	1,887
Marion	109.0	8,088	129.9	12,020	69	21	27.3	1,520	40.2	2,117
Monroe	91.6	3,528	114.5	4,947	12	27	23.9	543	34.0	697
Ringgold	60.1	3,753	122.6	8,581	54	49	22.3	1,277	37.6	1,969
Union	81.5	4,595	125.4	8,488	32	16	20.0	722	37.3	1,227
Warren	100.6	9,278	130.1	13,697	50	22	27.3	1,437	35.8	1,749
Wayne	73.8	5,278	119.4	10,212	23	30	20.0	1,046	34.9	1,661
S.C. District	85.5	55,686	123.0	94,636	464	281	22.9	10,815	36.5	15,896
Davis	101.5	5,115	125.3	7,479	19	13	26.1	1,121	36.2	1,526
Des Moines	134.4	13,700	138.0	14,104	31	23	35.6	1,676	41.7	1,918
Henry	114.3	10,868	131.2	12,738	20	8	35.4	2,108	41.1	2,509
Jefferson	118.8	10,288	120.2	11,500	25	24	32.6	2,110	38.1	2,494
Keokuk	123.3	14,409	122.1	14,969	34	16	32.5	2,040	40.4	2,459
Lee	122.9	11,905	136.5	14,457	42	30	33.2	1,886	39.9	2,308
Louisa	130.3	12,652	120.6	12,305	29	11	37.6	2,065	38.1	2,018
Mahaska	118.4	14,296	130.9	16,506	104	140	30.6	2,200	41.3	3,155
Van Buren	107.1	6,114	116.8	8,152	39	36	30.8	1,552	36.0	1,681
Wapello	112.0	5,654	114.7	6,478	12	16	26.4	1,250	37.7	1,687
Washington	123.3	18,229	123.4	20,341	72	42	37.4	2,615	42.0	2,903
S.E. District	120.7	123,230	126.1	139,029	427	359	32.8	20,623	39.6	24,658
State	112.0	1,444,800	126.0	1,707,300	5,925	4,800	31.5	264,600	38.0	309,700

Source: Iowa Agricultural Statistics, 1986

Hogs and grain fed cattle marketed, cows and heifers that have calved

County and District	Hogs Marketed (000)		Grain Fed Cattle Marketed (000)		Milk Cows (000)		Beef Cows (000)	
	1984	1985[1]	1984	1985[1]	1985	1986[1]	1985	1986[1]
Buena Vista	351.0	348.0	21.5	22.5	.8	.8	6.9	5.5
Cherokee	290.0	306.0	53.6	50.0	1.9	2.0	13.7	12.5
Clay	196.0	182.0	25.5	20.0	.7	.7	8.7	6.6
Dickinson	126.0	135.0	18.1	19.0	.7	.7	5.8	4.7
Emmet	124.0	133.0	16.5	16.5	.5	.5	6.3	5.6
Lyon	343.0	368.0	50.2	38.0	7.2	7.8	13.0	11.0
O'Brien	275.0	295.0	64.6	60.0	2.3	2.4	7.0	6.5
Osceola	165.0	177.0	24.8	19.0	2.1	2.2	3.6	3.3
Palo Alto	229.0	212.0	16.4	17.0	.8	.8	4.7	4.7
Plymouth	501.0	538.0	63.8	48.0	3.2	3.5	17.0	15.5
Pocahontas	222.0	238.0	14.4	15.0	.6	6	2.6	2.2
Sioux	619.0	652.0	149.6	135.0	11.9	13.0	8.7	6.9
N.W. District	3,441.0	3,584.0	519.0	460.0	32.7	35.0	98.0	85.0
Butler	313.0	336.0	12.6	11.0	4.7	5.1	7.6	7.5
Cerro Gordo	203.0	218.0	9.6	7.5	1.1	1.1	5.6	4.2
Floyd	176.0	189.0	8.9	7.5	2.1	2.2	5.7	5.1
Franklin	318.0	300.0	19.7	15.0	1.4	1.4	7.0	5.8
Hancock	301.0	323.0	12.4	12.0	1.7	1.8	4.6	3.8
Humboldt	150.0	161.0	12.9	10.0	.8	.8	2.1	1.7
Kossuth	469.0	444.0	26.5	22.5	2.5	2.5	6.7	5.4
Mitchell	257.0	238.0	18.5	18.5	4.7	4.7	5.2	5.0
Winnebago	161.0	173.0	4.2	3.5	1.3	1.3	1.8	1.4
Worth	126.0	135.0	5.3	5.5	1.4	1.4	2.7	2.1
Wright	171.0	183.0	11.4	12.0	.7	.7	3.0	3.0
N.C. District	2,645.0	2,700.0	142.0	125.0	22.4	23.0	52.0	45.0
Allamakee	161.0	149.0	9.3	9.5	21.2	23.0	22.8	23.0
Black Hawk	191.0	194.0	14.5	15.5	4.4	4.8	5.5	5.0
Bremer	146.0	156.0	8.2	7.0	10.4	11.0	3.7	3.0
Buchanan	303.0	293.0	14.1	11.5	7.1	6.6	9.8	9.8
Chickasaw	196.0	210.0	11.6	12.0	6.2	6.5	8.2	6.2
Clayton	363.0	348.0	13.9	14.5	29.9	32.5	19.0	16.0
Delaware	550.0	591.0	16.1	16.0	23.6	23.0	9.0	7.9
Dubuque	363.0	390.0	25.8	28.0	30.2	33.0	16.1	13.5
Fayette	323.0	347.0	22.1	17.5	21.1	23.0	13.9	11.5
Howard	124.0	115.0	7.1	6.0	8.8	9.6	10.5	8.1
Winneshiek	255.0	252.0	16.3	17.5	29.0	32.0	18.5	16.0
N.E. District	2,975.0	3,045.0	159.0	155.0	191.9	205.0	137.0	120.0
Audubon	260.0	253.0	25.1	21.0	1.3	1.2	14.6	12.0
Calhoun	204.0	189.0	19.3	15.0	.3	.3	6.9	6.5
Carroll	414.0	404.0	68.0	60.0	1.7	1.6	12.0	9.5
Crawford	306.0	300.0	34.7	35.0	2.3	2.2	23.9	23.0
Greene	194.0	208.0	16.0	17.0	.2	.2	11.7	12.0
Guthrie	151.0	162.0	13.2	11.0	1.1	1.0	20.3	20.0
Harrison	117.0	109.0	8.7	7.0	1.2	1.2	15.8	13.0
Ida	197.0	193.0	30.3	26.0	1.3	1.3	11.8	12.0
Monona	110.0	102.0	17.7	19.0	.7	.7	11.4	12.0
Sac	328.0	352.0	43.6	35.0	1.8	1.7	12.0	11.0
Shelby	321.0	339.0	27.0	20.5	1.4	1.4	16.7	15.0
Woodbury	283.0	304.0	49.4	50.0	1.6	1.7	22.9	24.0
W.C. District	2,885.0	2,915.0	353.0	315.0	14.9	14.5	180.0	170.0
Boone	212.0	227.0	16.4	18.0	.4	.4	7.0	5.7
Dallas	141.0	132.0	16.2	12.5	.4	.4	10.1	9.2
Grundy	228.0	214.0	29.8	30.0	2.1	2.2	7.0	6.2
Hamilton	257.0	276.0	14.5	11.5	.4	.4	2.8	2.9
Hardin	270.0	292.0	35.6	35.0	.8	.8	10.1	8.9
Jasper	343.0	368.0	24.5	21.0	2.4	2.5	23.2	24.0
Marshall	161.0	173.0	16.7	16.0	.8	.8	14.5	12.0
Polk	65.0	62.0	5.5	6.0	.6	.6	5.8	5.1
Poweshiek	222.0	208.0	14.3	15.5	1.6	1.6	22.2	20.0
Story	176.0	189.0	11.0	12.0	1.2	1.3	5.5	5.3
Tama	267.0	287.0	17.8	19.5	1.8	1.9	19.1	16.5
Webster	141.0	132.0	7.7	8.0	.6	.6	4.7	4.2
C. District	2,485.0	2,560.0	210.0	205.0	13.1	13.5	132.0	120.0

Hogs and grain fed cattle marketed, cows and heifers that have calved (continued)

County and District	Hogs Marketed (000)		Grain Fed Cattle Marketed (000)		Milk Cows (000)		Beef Cows (000)	
	1984	1985[1]	1984	1985[1]	1985	1986[1]	1985	1986[1]
Benton	328.0	329.0	30.6	25.0	2.7	2.8	15.3	13.5
Cedar	381.0	391.0	19.8	20.5	2.0	2.0	11.4	11.5
Clinton	314.0	333.0	52.0	55.0	4.2	3.7	13.5	11.0
Iowa	328.0	352.0	22.9	20.0	2.0	2.0	21.5	18.5
Jackson	176.0	163.0	21.2	17.0	11.4	11.5	25.8	24.0
Johnson	378.0	398.0	11.1	9.5	3.0	2.7	17.8	16.5
Jones	306.0	328.0	23.4	25.0	6.3	5.5	16.5	14.0
Linn	196.0	185.0	12.4	13.0	5.2	5.3	11.9	9.2
Muscatine	166.0	168.0	9.5	7.5	1.7	1.6	9.0	9.2
Scott	282.0	268.0	16.1	12.5	2.6	2.4	7.3	7.6
E.C. District	2,855.0	2,915.0	219.0	205.0	41.1	39.5	150.0	135.0
Adair	212.0	226.0	16.9	17.5	1.5	1.3	27.8	27.0
Adams	120.0	128.0	6.6	5.5	.6	.6	19.5	16.5
Cass	222.0	206.0	29.5	31.0	.8	.7	21.3	18.0
Fremont	80.0	85.0	16.0	16.0	.5	.5	10.6	10.0
Mills	81.0	86.0	16.8	18.0	.3	.3	8.1	7.5
Montgomery	136.0	126.0	15.9	17.0	.7	.7	12.8	13.0
Page	181.0	168.0	14.1	14.5	.8	.8	16.5	14.0
Pottawattamie	247.0	263.0	64.9	70.0	1.0	1.0	20.4	19.5
Taylor	121.0	112.0	5.3	5.5	.6	.6	21.0	19.5
S.W. District	1,400.0	1,400.0	186.0	195.0	6.8	6.5	158.0	145.0
Appanoose	55.0	55.0	1.8	1.5	.8	.8	22.9	22.0
Clarke	85.0	84.0	2.7	2.5	.4	.4	20.6	17.0
Decatur	69.0	65.0	2.8	2.5	.8	.8	26.9	28.0
Lucas	74.0	75.0	3.2	3.0	.7	.8	19.9	20.5
Madison	161.0	150.0	7.4	8.0	.8	.9	23.4	23.0
Marion	240.0	241.0	8.2	7.0	1.8	1.9	16.8	14.0
Monroe	92.0	98.0	2.7	2.5	1.2	1.2	21.2	19.0
Ringgold	113.0	121.0	4.3	4.5	.9	.9	26.7	24.0
Union	92.0	86.0	5.3	4.5	.7	.7	21.5	22.5
Warren	159.0	170.0	4.3	4.5	1.8	2.0	20.2	16.0
Wayne	75.0	70.0	4.3	4.5	1.1	1.1	24.9	24.0
S.C. District	1,215.0	1,215.0	47.0	45.0	11.0	11.5	245.0	230.0
Davis	65.0	67.0	2.5	2.5	2.2	2.0	21.2	19.5
Des Moines	95.0	102.0	6.4	6.5	.7	.7	10.3	9.6
Henry	200.0	215.0	6.6	5.5	.5	.5	10.5	8.4
Jefferson	141.0	143.0	6.0	6.5	.7	.7	11.8	12.5
Keokuk	419.0	413.0	8.1	8.5	.8	.9	18.5	15.5
Lee	212.0	227.0	10.4	11.0	2.0	2.2	11.2	9.8
Louisa	116.0	124.0	5.7	6.0	.1	.1	5.9	5.7
Mashaska	429.0	461.0	24.8	25.0	1.7	1.8	14.4	14.0
Van Buren	90.0	96.0	2.9	3.0	.8	.9	18.9	18.0
Wapello	119.0	111.0	5.4	5.5	.7	.7	15.0	13.5
Washington	499.0	521.0	10.2	10.0	.9	1.0	15.3	13.5
S.E. District	2385.0	2480.0	89.0	90.0	11.1	11.5	153.0	140.0
State	22,286.0	22,814.0	1,924.0	1,795.0	345.0	360.0	1305.0	1,190.0

[1] Preliminary.

Source: Iowa Crop and Livestock Reporting Service.

Grain feed sheep and lambs, hens and pullets

State County and District	Grain Fed Sheep and lambs Marketed (000)		Hens and Pullets of Laying Age (000)	
	1984	1985'	1984	1985'
Buena Vista	8.9	8.9	50.0	112.0
Cherokee	4.0	3.9	7.0	5.0
Clay	9.7	9.9	90.0	75.0
Dickinson	4.0	3.7	300.0	247.0
Emmet	1.0	1.0	38.0	26.0
Lyon	1.3	10.0	26.0	23.0
O'Brien	4.6	4.7	75.0	50.0
Osceola	17.8	4.1	66.0	47.0
Palo Alton	5.0	5.1	105.0	74.0
Plymouth	3.6	3.7	62.0	106.0
Pocahontas	5.8	5.9	96.0	120.0
Sioux	2.3	2.3	550.0	486.0
N.W. District	78.0	63.2	1,465.0	1,371.0
Butler	1.5	1.5	110.0	109.0
Cerro Gordo	2.1	2.1	162.0	246.0
Floyd	2.2	2.2	44.0	44.0
Franklin	8.6	8.0	175.0	218.0
Hancock	5.0	5.0	37.0	33.0
Humboldt	2.3	2.3	15.0	10.0
Kossuth	3.6	3.7	280.0	261.0
Mitchell	2.7	2.5	220.0	174.0
Winnebago	1.6	1.6	18.0	20.0
Worth	1.9	1.9	15.0	10.0
Wright	2.1	2.1	24.0	16.0
N.C. District	33.6	32.9	1,100.0	1,141.0
Allamakee	.8	.7	24.0	16.0
Black Hawk	1.7	1.7	50.0	89.0
Bremer	2.3	2.1	40.0	52.0
Buchanan	2.6	2.4	50.0	53.0
Chickasaw	.8	.7	85.0	73.0
Clayton	2.2	2.0	90.0	154.0
Delaware	.8	.7	155.0	101.0
Dubuque	1.1	1.1	36.0	24.0
Fayette	1.8	1.6	130.0	120.0
Howard	1.8	1.6	40.0	39.0
Winneshiek	2.9	2.9	125.0	145.0
N.E. District	18.8	17.5	825.0	866.0
Audubon	5.5	5.0	46.0	30.0
Calhoun	6.6	6.1	62.0	41.0
Carroll	1.5	1.4	10.0	7.0
Crawford	6.7	6.1	55.0	47.0
Greene	5.6	5.1	4.0	3.0
Guthrie	2.7	2.5	71.0	47.0
Harrison	1.5	1.4	9.0	6.0
Ida	2.9	2.7	10.0	7.0
Monona	2.1	2.0	7.0	5.0
Sac	5.0	4.6	150.0	98.0
Shelby	2.5	2.3	40.0	25.0
Woodbury	5.9	7.3	6.0	4.0
W.C. District	50.0	46.5	470.0	320.0
Boone	3.6	3.5	166.0	183.0
Dallas	1.1	1.1	110.0	72.0
Grundy	10.3	10.6	18.0	30.0
Hamilton	1.5	1.3	55.0	61.0
Hardin	1.4	1.3	121.0	97.0
Jasper	3.0	3.0	33.0	47.0
Marshall	2.4	2.3	33.0	22.0
Polk	1.9	1.9	6.0	4.0
Poweshiek	2.9	2.5	45.0	30.0
Story	4.0	4.0	69.0	71.0
Tama	2.6	2.6	75.0	49.0
Webster	.8	.8	1,001.0	667.0
C. District	35.5	34.9	1,724.0	1,333.0
Benton	2.7	2.5	25.0	17.0
Cedar	5.6	5.7	25.0	17.0
Clinton	1.7	1.7	38.0	29.0
Iowa	4.2	4.3	13.0	13.0
Jackson	1.0	1.0	57.0	38.0
Johnson	16.2	16.6	85.0	56.0
Jones	1.9	1.8	9.0	6.0
Linn	2.3	2.3	29.0	21.0
Muscatine	1.6	1.5	8.0	6.0
Scott	1.3	1.3	61.0	42.0
E.C. District	38.5	38.7	350.0	245.0
Adair	6.2	5.8	8.0	5.0
Adams	2.0	1.9	4.0	3.0
Cass	7.4	7.0	5.5	4.0
Fremont	.5	.5	1.5	1.0
Mills	.8	.8	2.0	2.0
Montgomery	2.8	2.7	5.0	3.0
Page	1.3	1.3	6.0	4.0
Pottawattamie	2.8	2.7	28.0	23.0
Taylor	4.2	4.0	30.0	19.0
S.W. District	28.0	26.7	90.0	64.0
Appanoose	5.0	4.6	1.8	2.0
Clarke	1.3	1.2	3.0	2.0
Decatur	1.6	1.5	2.1	2.0
Lucas	6.5	6.0	41.0	27.0
Madison	3.0	3.0	17.0	22.0
Marion	8.1	7.7	80.0	52.0
Monroe	4.9	4.9	12.0	8.0
Ringgold	2.0	1.9	8.5	6.0
Union	1.6	1.5	1.5	1.0
Warren	1.8	1.7	66.0	43.0
Wayne	3.0	2.7	7.1	5.0
S.C. District	38.8	36.7	240.0	170.0
Davis	8.7	8.7	92.0	77.0
Des Moines	1.2	1.2	17.0	17.0
Henry	6.2	6.1	56.0	37.0
Jefferson	3.6	3.7	4.4	3.0
Keokuk	9.6	9.8	54.0	155.0
Lee	3.0	3.0	5.6	4.0
Louisa	.9	.8	2.0	2.0
Mahaska	2.2	2.2	141.0	92.0
Van Buren	2.5	2.4	5.0	4.0
Wapello	1.5	1.5	99.0	65.0
Washington	5.4	4.5	360.0	234.0
S.E. District	44.8	43.9	836.0	690.0
State	366.0	341.0	7,100.0	6,200.0

'Revised.

'Estimates.

Source: Iowa Crop and Livestock Reporting Service.

Climate

Iowa's four distinct seasons provide a climate that is classified as humid continental. Temperatures vary through a wide range, arriving at an annual average of 48 degrees. A typical year provides 200 days with considerable sunshine and 165 with less than 25% sunshine. Average annual sunshine is about 60% of the possible. Since much of the average 32 inches of rainfall comes during the growing season, Iowa's climate is ideal for agriculture. Winter snowfall averages 32 inches, and relative humidity averages 72 percent.

Clean air and clean water have been maintained in abundance in the state, with enforcement of pollution laws assuring their existence in the future.

Located between the Upper Mississippi and the Missouri Rivers, the State of Iowa comprises 56,000 square miles with an extreme north-south distance of 205 miles and an extreme east-west distance of 310 miles. Primarily rolling prairie, elevation changes are small across the State, varying from 1670 feet in Osceola County in the northwest to 480 feet at the mouth of the Des Moines River in the southeast. Some rugged terrain, mainly of forest soils, may be found in the northeast, yet most of the state's natural lakes are located in the northwest.

Source: NOAA National Climatic Data Center

Normal temperature and precipitation, 1951-1980

	Normal Temperature				
City	**Dec. Jan. Feb.**	**Mar. Apr. May**	**June July Aug.**	**Sept. Oct. Nov.**	**Year**
Burlington	25.2	50.1	73.3	53.3	50.5
Carroll	20.9	47.4	71.8	50.3	47.6
Cedar Rapids	22.7	48.7	72.3	51.8	48.9
Council Bluffs	24.8	51.0	75.4	53.3	51.1
Creston	23.9	49.4	72.9	52.1	49.6
Davenport	23.7	49.2	73.0	52.5	49.5
Decorah	18.5	45.6	70.0	49.0	45.8
Des Moines	22.9	49.3	74.0	52.7	49.7
Dubuque	19.9	45.9	69.9	49.5	46.3
Fort Dodge	20.3	47.1	71.1	50.3	47.4
Mason City	17.0	44.6	70.2	48.2	44.9
Ottumwa	24.2	49.9	74.0	53.2	50.3
Rock Rapids	17.7	45.8	71.5	48.6	45.9
Sioux City	20.9	48.4	73.3	51.2	48.4
Spencer	17.3	44.9	70.5	47.9	45.1
Waterloo	18.6	45.9	70.7	49.2	46.1
State of IOWA	21.7	48.0	72.1	51.1	48.3

	Normal Precipitation				
City	**Dec. Jan. Feb.**	**Mar. Apr. May**	**June July Aug.**	**Sept. Oct. Nov.**	**Year**
Burlington	4.39	10.07	11.82	8.09	34.37
Carroll	2.61	9.42	12.22	6.47	30.72
Cedar Rapids	3.81	10.71	13.19	8.30	36.01
Council Bluffs	2.45	9.18	11.80	6.91	30.34
Creston	2.92	9.73	13.15	7.91	33.71
Davenport	4.86	10.95	12.96	8.40	37.17
Decorah	2.67	9.35	12.96	7.01	31.99
Des Moines	3.18	9.37	11.51	6.77	30.83
Dubuque	4.61	11.52	12.97	9.49	38.58
Fort Dodge	2.87	8.94	13.67	6.80	32.28
Mason City	2.64	8.71	12.92	6.54	30.81
Ottumwa	3.43	9.73	12.36	7.73	33.25
Rock Rapids	2.17	7.01	10.95	5.40	25.53
Sioux City	2.28	7.43	10.49	5.17	25.37
Spencer	2.24	7.99	11.63	5.85	27.71
Waterloo	2.98	9.95	12.70	7.47	33.10
State of IOWA	3.03	9.30	12.53	7.23	32.09

Source: U.S. Department of Commerce, National Climatic Data Center

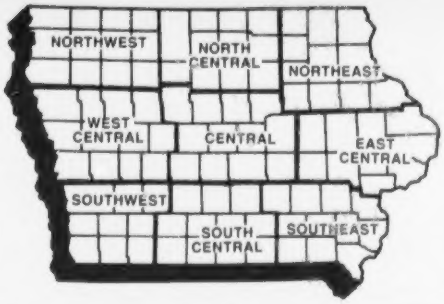
Wind Chill Table

	AIR TEMPERATURE (°F)																
	35	**30**	**25**	**20**	**15**	**10**	**5**	**0**	**-5**	**-10**	**-15**	**-20**	**-25**	**-30**	**-35**	**-40**	**-45**
	WIND CHILL INDEX (EQUIVALENT TEMPERATURE) — Equivalent in cooling power on exposed flesh																
WIND SPEED MPH																	
4	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
5	33	27	21	16	12	7	1	-6	-11	-15	-20	-26	-31	-35	-41	-47	-54
	COLD																
10	21	16	9	2	-2	-9	-15	-22	-27	-31	-38	-45	-52	-58	-64	-70	-77
		VERY COLD															
15	16	11	1	-6	-11	-18	-25	-33	-40	-45	-51	-60	-65	-70	-78	-85	-90
			BITTERLY COLD														
20	12	3	-4	-9	-17	-24	-32	-40	-46	-52	-60	-68	-76	-81	-88	-96	-103
25	7	0	-7	-15	-22	-29	-37	-45	-52	-58	-67	-75	-83	-89	-96	-104	-112
				EXTREME COLD													
30	5	-2	-11	-18	-26	-33	-41	-49	-56	-63	-70	-78	-87	-94	-101	-109	-117
35	3	-4	-13	-20	-27	35	-43	-52	-60	-67	-72	-83	-90	-98	-105	-113	-123
40	1	-4	-15	-22	-29	-36	-45	-54	-62	-69	-76	-87	-94	-101	-107	-116	-128
45	1	-6	-17	-24	-31	-38	-46	-54	-63	-70	-78	-87	-94	-101	-108	-118	-128
50	0	-7	-17	-24	-31	-38	-47	-56	-63	-70	-79	-88	-96	-103	-110	-120	-128

Wind speeds greater than 40 mph have little additional chilling effect.

Source: "Winds Over Iowa", Iowa Department of Agriculture, State Climatology Office.

Climate, annual average



(1951-1980)

Precipitation	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	.56	.93	1.72	2.45	3.56	4.25	3.54	3.90	2.92	1.82	1.09	.77	27.51
North Central	.82	.93	2.04	2.93	3.96	4.63	4.21	4.15	3.22	2.09	1.39	.98	31.35
Northeast	.93	.98	2.13	3.40	4.05	4.43	4.36	4.00	3.40	2.35	1.69	1.22	32.94
West Central	.74	1.01	2.00	2.87	4.02	4.52	3.49	3.95	3.18	2.10	1.23	.82	29.93
Central	.88	1.04	2.15	3.24	4.08	4.74	3.89	4.16	3.23	2.25	1.46	.99	32.11
East Central	1.24	1.11	2.44	3.65	3.99	4.33	4.15	4.02	3.55	2.51	1.92	1.57	34.48
Southwest	.84	1.02	2.12	3.15	4.14	4.66	3.99	4.53	3.79	2.44	1.50	.93	33.11
South Central	1.03	1.07	2.36	3.57	4.00	4.55	3.88	4.21	3.96	2.61	1.73	1.11	34.08
Southeast	1.33	1.10	2.59	3.71	3.91	4.18	4.19	4.09	3.85	2.78	1.79	1.56	35.08
State	.92	1.02	2.15	3.19	3.96	4.48	3.95	4.10	3.42	2.30	1.51	1.09	32.09

Total Snowfall (Inches)	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	6.1	7.5	8.6	1.2	T	0	0	0	0	0.4	3.1	6.5	33.4
North Central	7.9	7.2	10.0	1.5	T	0	0	0	T	0.2	3.4	7.7	37.9
Northeast	7.5	6.8	8.7	1.6	T	0	0	0	T	0.1	3.0	7.8	35.5
West Central	7.6	6.9	8.1	1.4	T	0	0	0	T	0.4	2.8	6.0	33.2
Central	7.0	6.9	7.3	1.3	T	0	0	0	T	0.2	2.6	6.4	31.7
East Central	7.8	6.5	6.8	1.3	T	0	0	0	T	0.2	2.1	7.5	32.2
Southwest	7.2	5.8	5.5	1.1	T	0	0	0	T	0.2	2.3	5.5	27.6
South Central	7.3	5.9	6.0	1.3	T	0	0	0	0	0.2	2.1	5.4	28.2
Southeast	8.0	5.9	6.2	1.0	T	0	0	0	0	0.2	2.0	6.3	29.6
State	7.4	6.7	7.7	1.3	T	0	0	0	T	0.2	2.6	6.6	32.5

Temperature (F degrees)	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	13.7	20.3	30.9	47.2	59.5	69.1	73.4	71.1	61.8	50.8	34.4	21.0	46.1
North Central	13.6	20.1	30.7	47.0	59.5	69.0	72.7	70.5	61.8	51.0	34.8	21.0	46.0
Northeast	15.0	20.9	31.6	47.2	58.8	68.2	72.2	70.2	61.6	51.0	35.5	22.2	46.2
West Central	17.3	23.8	34.1	49.7	61.2	70.5	74.9	72.6	63.7	52.8	37.0	24.4	48.5
Central	16.9	23.0	33.6	49.1	60.8	70.0	74.1	71.7	63.2	52.4	37.1	24.1	48.0
East Central	18.8	24.5	35.1	49.9	61.2	70.4	74.4	72.4	64.3	53.4	38.5	25.7	49.1
Southwest	20.5	26.8	37.0	51.7	62.6	71.6	76.0	73.8	65.2	54.4	39.2	27.2	50.5
South Central	20.4	26.5	36.6	51.3	62.1	71.0	75.6	73.3	65.1	54.4	39.5	27.2	50.3
Southeast	21.2	27.1	37.3	51.9	62.7	71.8	76.0	73.8	65.9	55.0	40.4	28.0	50.9
State	17.3	23.5	33.9	49.3	60.8	70.1	74.3	72.1	63.5	52.7	37.2	24.3	48.3

Mean Heating Degrees Days	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	1,590	1,251	1,058	534	229	49	12	21	155	451	917	1,363	7,630
North Central	1,592	1,257	1,062	541	229	47	15	24	146	445	906	1,363	7,627
Northeast	1,551	1,236	1,034	535	240	51	15	25	145	446	884	1,326	7,488
West Central	1,479	1,153	959	461	187	34	10	17	121	393	841	1,258	6,913
Central	1,489	1,174	974	478	198	41	8	19	122	406	838	1,269	7,016
East Central	1,432	1,132	929	455	188	29	4	11	94	376	795	1,218	6,663
Southwest	1,380	1,068	870	403	163	26	10	12	94	350	774	1,172	6,322
South Central	1,382	1,078	882	414	169	30	8	13	96	351	766	1,171	6,360
Southeast	1,358	1,062	862	398	161	23	3	10	75	334	740	1,146	6,172
State	1,479	1,163	965	473	198	37	10	17	119	398	834	1,260	6,953

T = Trace

Source: Iowa Department of Agriculture, State Climatology Office.

Communications Industry

Communications media

	1960	1965	1970	1980[2]	1983	1984[R]	1985
Telephones in use[1]:							
Business	243,406	284,000	381,747	143,503	N/A	N/A	N/A
Residential	892,627	1,044,000	1,242,500	1,032,570	N/A	N/A	N/A
Total	1,136,033	1,328,000	1,624,247	1,176,073	1,267,419	1,252,861	1,240,016
Newspapers[3]							
Daily - number	45	43	43	42	43	42	36
Net paid circulation	944,000	969,000	1,000,000	934,390	1,064,419	989,291	1,001,829
Sunday - number	9	9	9	9	9	9	11
Net paid circulation	831,000	857,000	845,000	745,039	745,343	790,666	769,656
Weeklies - number	368	356	346	339	336	329	329
Net paid circulation	649,832	674,739	688,389	780,663	755,934	671,378	628,892
Commercial broadcast[4]							
Stations - total	80	94	120	196	182	189	186
Radio - total	68	82	108	174	168	173	170
AM	61	68	73	85	79	81	77
FM	7	14	35	89	89	92	93
Television	12	12	12	15	14	16	16
Satellite T.V. stations				7	7	7	7

	1983	1984	1985
Non-commercial broadcast[4]			
Stations - total	13	14	20
Radio - total	12	13	19
AM	4	4	6
FM	8	9	13
Television	1	1	1

[1] Iowa Commerce Commission.

[2] Since private ownership of telephones began, only the number of primary access lines is available. A primary access line is a telephone line with an associated phone number.

[3] Iowa Press Association.

[4] Iowa Broadcasters Association Directory.

N/A = Not available.

[R] Revised

Construction

Iowa construction industry, 1984

SIC Code	Industry Description	Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	CONSTRUCTION INDUSTRIES, TOTAL	6,114	32,780	681,961
15	General Contractors and operative builders	1,654	9,564	182,817
151	General building contractors	981	7,865	161,133
153	Operative builders	76	382	6,895
16	Heavy construction contractors	654	4,628	141,718
161	Highway and street construction	156	1,791	71,801
162	Heavy construction, except highways	484	2,815	68,571
17	Special trade contractors	3,802	18,468	353,893
171	Plumbing, heating, air conditioning	902	4,903	90,192
172	Painting, paper hanging, decorating	275	799	13,666
173	Electrical work	540	2,777	58,291
174	Masonary, stonework, plastering	408	1,902	35,601
1741	Masonary and other stonework	240	989	16,636
1742	Plastering, drywall and insulation	143	852	17,630
1743	Terrazzo, tile, marble mosaic work	19	57	1,250
175	Carpentering and flooring	473	1,368	16,957
1751	Carpentering	384	1,091	12,316
1752	Floor laying and floor work N.E.C.	81	262	4,464
176	Roofing and sheet metal work	266	2,526	62,358
177	Concrete work	243	998	20,067
178	Water well drilling	46	185	2,561
179	Miscellaneous special trade contractors	532	2,692	49,544
1791	Structural steel erection	31	321	6,942
1793	Glass and glazing work	27	184	3,518
1794	Excavating and foundation work	247	1,046	20,988
1796	Installing building equipment, N.E.C.	48	459	8,563
1799	Special trade contractors, N.E.C.	146	578	7,984

N.E.C.: Not elsewhere classifed

Source: County Business Patterns,1984. Bureau of the Census, U.S. Department of Commerce.

Value of new construction, (thousands)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yearly Totals
1986	$ 58,998	$ 52,070	$120,846	$180,522	$121,225	$147,209	$143,813	$107,486	$123,741	$111,937	$ 54,350	$ 90,120	$1,308,602
1985	86,338	86,295	110,574	155,911	204,575	158,858	159,482	138,661	97,681	140,304	100,862	122,538	1,551,621
1984	47,294	117,859	158,235	165,819	198,095	171,231	163,300	175,055	120,621	109,981	118,755	82,499	1,667,430
1983	54,900	62,100	101,200	173,700	157,900	177,900	180,700	158,800	153,800	148,500	106,800	59,800	1,532,700
1982	210,500	58,500	77,600	121,800	126,000	150,400	114,400	92,700	106,000	109,800	91,900	47,300	1,264,200
1981	80,500	48,400	104,300	126,200	154,500	150,000	135,000	108,400	156,400	79,400	77,800	128,000	1,258,100
1980	123,900	56,600	106,700	136,800	200,100	145,800	163,600	131,200	147,000	144,900	119,100	122,800	1,558,100
1979	73,236	53,183	147,467	147,606	287,279	214,837	158,720	176,380	158,786	193,241	106,364	663,684	2,387,317
1978	59,801	76,899	414,733	161,298	316,356	238,580	205,105	174,592	173,965	182,131	139,023	75,598	2,219,229
1975	35,490	38,213	57,082	94,270	124,380	364,167	105,512	95,145	107,006	112,444	63,153	54,608	1,252,180
1970	37,895	62,098	43,835	48,426	74,185	84,441	92,815	67,216	55,985	59,911	41,753	41,039	709,679

N/A = not available

Source: F.W. Dodge Division, McGraw-Hill Information Systems Company, Proprietary Data provided by special permission.

Value of new residential construction, (thousands)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yearly Totals
1986	$17,800	$14,900	$32,000	$60,100	$56,600	$46,800	$47,700	$39,900	$37,600	$55,000	$25,200	$17,500	$448,700
1985	27,500	22,100	34,200	39,400	49,400	48,800	54,600	46,900	38,400	34,500	31,800	23,900	442,000
1984	15,500	26,200	47,600	66,000	71,800	70,000	63,300	60,500	N/A	52,700	51,800	19,900	590,400
1983	13,000	20,400	41,600	62,900	65,800	69,000	59,700	73,400	88,600	57,100	43,300	20,900	613,800
1980	21,700	17,200	34,400	28,300	39,700	46,100	60,800	74,300	54,000	80,700	76,100	40,600	552,400

N/A = not available

Source: F. W. Dodge Division, McGraw-Hill Information System Company, Proprietary Data provided by special permission.

New residential construction

	1975		1980		1983		1984		1985	
Iowa MSA's	**Number**	**Value (000)**	**Number**	**Value (000)**	**Number**	**Value (000)**	**Number**	**Value (000)**	**Number**	**Value (0C0)**
Cedar Rapids	1,318	$22,636	822	$21,923	160	$ 6,364	252	$ 11,159	272	$ 13,596
Davenport	2,487	54,780	1,591	55,970	759	36,398	653	34,305	462	26,744
Des Moines	2,353	62,369	1,262	47,683	1,204	63,379	2,459	98,848	2,289	105,007
Dubuque	434	8,794	199	9,332	85	4,109	129	7,166	85	4,903
Iowa City	N/A	N/A	437	19,699	1,669	52,178	750	30,131	285	16,270
Omaha-Council Bluffs	2,711	42,061	2,839	59,287	2,945	102,369	3,315	142,733	2,917	136,372
Sioux City	927	16,862	213	6,471	181	6,561	285	7,767	115	4,408
Waterloo	1,114	23,071	747	23,100	221	8,623	67	3,713	39	2,362

Source: Construction Reports-Housing Units Authorized by Building Permits and Public Contracts, U.S. Department of Commerce, Bureau of the Census.

Number and valuation of permits issued for new dwellings

	1980		1984		1985		1986	
City	**Number**	**Value (000)**	**Number**	**Value (000)**	**Number**	**Value (000)**	**Number**	**Value (000)**
Ankeny	N/A	N/A	42	3,746.6	45	4,371.9	69	6,176.0
Bettendorf	66	6,439.5	93	8,871.7	94	8,288.3	131	11,001.9
Boone	N/A	N/A	8	588.0	1	58.8	6	444.6
Burlington	28	1,951.2	12	1,226.8	10	561.8	8	691.6
Carroll	N/A	N/A	28	2,182.2	12	996.4	8	779.6
Cedar Falls	81	6,493.8	20	1,578.6	4	316.3	7	497.5
Cedar Rapids	167	7,607.0	95	5,337.0	120	6,541.8	211	12,909.1
Clinton	46	3,225.5	8	345.0	13	2,268.0	5	317.0
Council Bluffs	70	2,175.3	86	6,930.2	65	5,921.1	80	7,228.2
Davenport	207	12,388.3	161	9,074.7	83	8,679.7	71	7,707.3
Decorah	N/A	N/A	23	1,878.3	17	1,543.0	12	925.0
Des Moines	428	16,124.0	151	26,871.3	136	24,561.6	118	26,688.9
Dubuque	75	3,961.0	28	2,221.6	36	2,175.1	73	6,364.5
Fairfield	N/A	N/A	38	6,937.9	26	2,639.8	11	2,528.2
Fort Dodge	41	4,305.0	29	5,070.5	13	1,034.0	26	888.0
Fort Madison	N/A	N/A	4	1,674.0	35	1,061.9	4	161.9
Indianola	N/A	N/A	14	1,746.5	17	2,073.6	19	1,463.3
Iowa City	100	10,456.7	190	17,023.1	72	7,579.9	94	9,792.6
Keokuk	61	3,772.9	18	740.0	11	440.0	1	65.0
Marion	114	6,223.4	31	1,378.9	46	2,152.7	70	3,874.3
Marshalltown	18	1,093.0	11	753.0	6	359.5	5	318.5
Mason City	47	7,036.9	52	4,396.0	46	3,471.1	21	1,451.4
Mount Pleasant	N/A	N/A	25	1,709.1	21	1,013.0	25	1,507.3
Muscatine	43	7,113.8	24	1,119.0	13	625.0	15	816.7
Newton	20	3,760.0	9	374.3	14	851.1	8	745.9
Oskaloosa	N/A	N/A	24	1,338.5	6	345.5	16	654.6
Ottumwa	47	4,804.7	22	510.6	8	557.6	3	245.0
Sioux City	83	1,982.1	81	4,364.9	46	1,370.3	37	2,204.4
Spencer	N/A	N/A	8	557.0	3	212.0	0	0.0
Urbandale	127	8,329.6	324	21,301.7	229	14,089.0	251	12,125.3
Waterloo	294	13,721.1	19	1,267.7	6	581.7	16	980.6
West Des Moines	68	6,436.7	250	35,652.0	323	37,566.0	499	41,507.2
TOTAL	2,291	$144,605.6	2,017	$185,486.1	1,645	$150,895.1	1,966	$166,497.4

Source: Iowa Department of Economic Development.

New residential construction, authorized permit issuing places

	1975		1980		1983		1984		1985	
	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)
United States	949,234	$24,107,069	1,207,174	$47,156,286	1,605,221	$69,277,521	1,686,376	$77,661,311	1,735,204	$84,904,249
Illinois	39,325	1,084,862	26,659	1,086,542	29,836	1,610,252	30,180	1,716,762	38,729	2,237,684
IOWA	14,706	331,981	8,917	311,937	6,999	284,825	7,198	295,314	5,190	242,169
Kansas	19,162	547,831	10,930	434,523	14,169	663,603	16,727	716,454	13,267	609,297
Minnesota	3,103	66,283	21,741	974,133	24,810	1,321,444	26,698	1,456,444	28,611	1,650,678
Missouri	7,927	163,970	13,736	458,743	18,687	806,981	25,017	1,018,073	27,236	1,180,604
Nebraska	12,106	323,686	6,906	207,765	5,465	217,215	5,786	254,373	5,001	221,357
South Dakota	16,135	401,616	3,100	97,473	2,489	94,053	3,221	110,381	2,544	90,707
Wisconsin	26,002	635,564	18,510	689,816	16,962	758,845	17,771	802,148	20,151	917,255

Source: Construction Reports-Housing Units Authorized by Building Permits and Public Contracts, U.S. Department of Commerce, Bureau of the Census.

Housing units, 1980

	Iowa	Minnesota	Missouri	Nebraska	South Dakota	Wisconsin
All Housing Units	1,121,199	1,612,960	1,988,915	624,829	276,997	1,863,897
Vacant - Seasonal and Migratory	68,166	167,738	195,516	53,429	34,474	211,636
All Year-Round Housing	1,053,033	1,445,222	1,793,399	571,400	242,523	1,652,261
Percent in One-Unit Structures	80.4	73.7	77.4	79.7	74.2	75.4
Number of Home Owners	756,517	1,035,689	1,248,785	390,931	168,002	1,127,367
Median Value of Owners Homes $	40,600	53,100	36,700	38,000	36,600	48,600
Median Contract Rent $	175	212	153	170	148	185
Vacancy Rate - Homeowners	1.6	1.5	2.0	2.0	2.1	1.3
Vacancy Rate - Rental	7.3	5.8	9.0	7.9	10.1	5.0

Source: 1980 General Housing Characterisitics, U.S. Department of Commerce, Bureau of the Census.

Crime

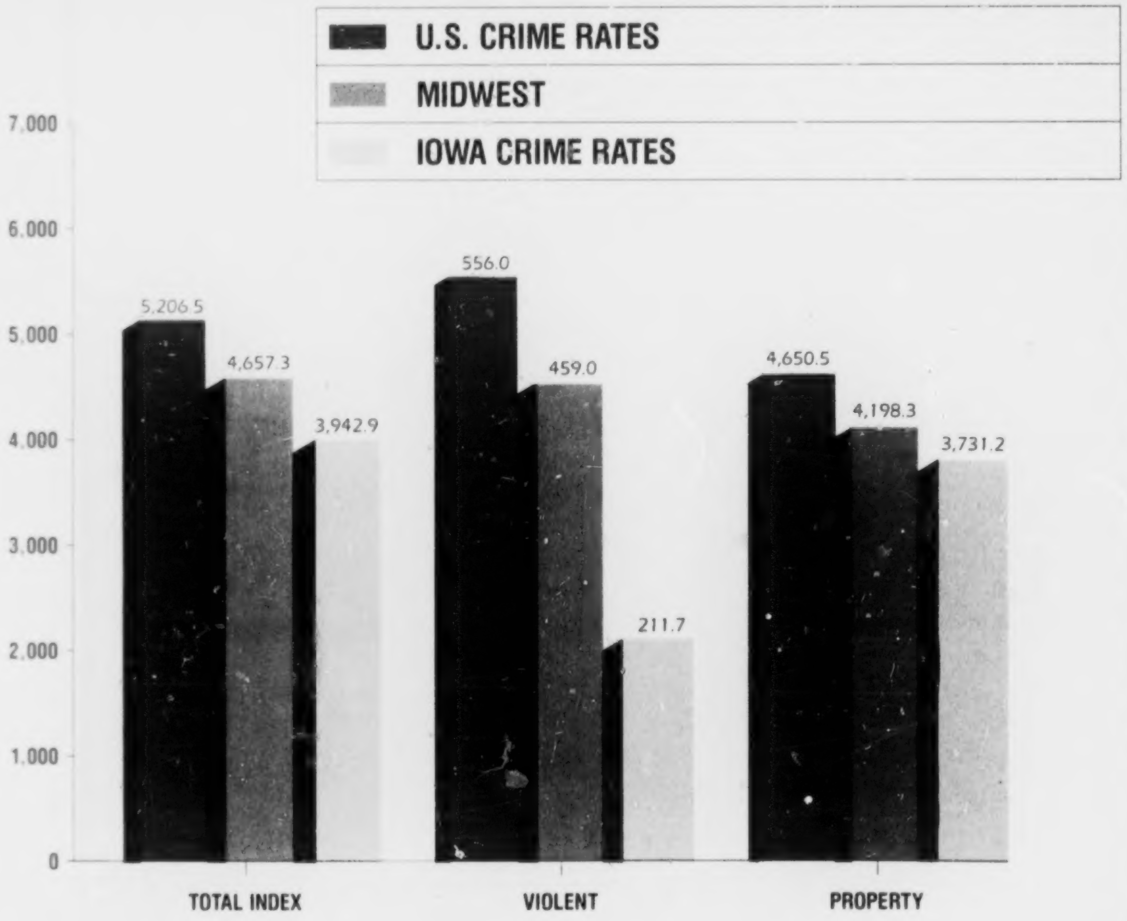
Crime rates[1], 1985

State	Index Rate	Violent Crime Rate	Property Crime Rate
United States	5,206.5	556.0	4,650.5
Illinois	5,299.7	703.2	4,596.5
Indiana	3,914.1	309.4	3,604.7
IOWA	3,942.9	211.7	3,731.2
Kansas	4,375.1	355.8	4,019.3
Minnesota	4,134.2	256.4	3,877.8
Missouri	4,366.0	503.5	3,862.5
Nebraska	3,694.6	237.9	3,456.7
Ohio	4,187.3	381.6	3,805.7
South Dakota	2,640.8	136.6	2,504.2
Wisconsin	4,016.7	206.9	3,809.8

[1] Reported offenses per 100,000 population

Source: Crime in the United States. Uniform crime reports 1985, U.S. Department of Justice, Federal Bureau of Investigation.

Comparison of crime rates, U.S., region and Iowa, 1985



Source: Crime in the United States, Unifrom Crime Reports 1985, U.S. Department of Justice, Federal Bureau of Investigation.
Offenses per 100,000 population

Incidence of crime[1], 1985

[1] Top figure is violent crimes per 100,000 people.
Bottom figure is property crimes per 100,000 people.
Source: Iowa Department of Public Safety. Iowa Uniform Crime Reports - 1985.

Total crimes reported, 1984-85

	Total Crimes		Violent Crimes		Property Crimes			Total Crimes		Violent Crimes		Property Crimes	
	1984	**1985**	**1984**	**1985**	**1984**	**1985**		**1984**	**1985**	**1984**	**1985**	**1984**	**1985**
Adair	106	105	0	0	106	105	Jefferson	525	497	0	2	525	495
Adams	99	103	3	1	96	102	Johnson	4,083	4,612	245	250	3,838	4,362
Allamakee	179	217	2	3	177	214	Jones	233	253	3	9	230	244
Appanoose	503	561	40	19	463	542	Keokuk	194	157	1	2	193	155
Audubon	121	106	1	4	120	102	Kossuth	308	370	4	3	304	367
Benton	427	360	18	13	409	347	Lee	1,296	1,375	43	33	1,253	1,342
Black Hawk	6,623	5,952	307	315	6,3,16	5,637	Linn	8,834	9,511	322	298	8,512	9,213
Boone	667	652	15	4	652	648	Louisa	306	311	3	7	303	304
Bremer	433	413	26	23	407	300	Lucas	350	332	5	5	345	327
Buchanan	564	585	13	10	551	575	Lyon	77	78	2	0	75	78
Buena Vista	557	491	29	25	528	466	Madison	212	316	1	5	211	311
Butler	175	179	4	6	171	173	Mahaska	691	749	45	58	646	691
Calhoun	193	205	1	3	192	202	Marion	617	599	21	23	596	576
Carroll	390	400	11	12	379	388	Marshall	1,328	1,270	92	94	1,236	1,176
Cass	344	293	4	4	340	289	Mills	319	301	12	13	307	288
Cedar	266	265	22	17	244	248	Mitchell	122	150	3	11	119	139
Cerro Gordo	3,177	3,201	301	217	2,876	2,984	Monona	278	222	8	4	270	218
Cherokee	279	241	13	6	266	235	Monroe	245	210	15	16	230	194
Chickasaw	223	147	6	3	217	144	Montgomery	333	395	6	4	327	391
Clarke	237	200	6	4	231	196	Muscatine	1,536	1 453	27	19	1,509	1,434
Clay	658	669	11	6	647	663	O'Brien	304	300	8	12	296	288
Clayton	147	149	6	4	141	145	Osceola	88	73	1	5	87	68
Clinton	2,634	2,168	38	44	2,596	2,124	Page	481	513	4	8	477	505
Crawford	328	389	6	6	322	383	Palo Alto	238	228	22	12	216	216
Dallas	855	793	24	20	831	773	Plymouth	441	414	21	7	420	407
Davis	153	128	8	2	145	126	Pocahontas	100	92	0	0	100	92
Decatur	127	135	0	0	127	135	Polk	23,282	26,099	1,452	1,517	21,830	24,582
Delaware	215	222	17	11	198	211	Pottawattamie	4,248	4,589	277	368	3,971	4,221
Des Moines	2,385	2.083	178	201	2,207	1,882	Poweshiek	337	278	3	3	334	275
Dickinson	416	519	11	6	405	513	Ringgold	93	92	1	0	92	92
Dubuque	3,996	3,717	92	99	3,904	3,618	Sac	108	139	1	8	107	131
Emmet	311	315	4	2	307	313	Scott	8,757	8,574	923	1,116	7,834	7,458
Fayette	426	498	2	18	424	480	Shelby	270	183	8	6	262	177
Floyd	325	299	19	18.	306	281	Sioux	229	275	7	3	222	272
Franklin	234	257	5	9	229	248	Story	3,26	3,302	189	212	3,077	3,090
Fremont	133	127	2	0	131	127	Tama	218	327	5	19	213	308
Greene	166	161	0	1	166	160	Taylor	124	181	2	3	122	178
Grundy	123	180	1	4	122	176	Union	408	425	4	8	404	417
Guthrie	157	134	8	6	149	128	Van Buren	227	156	12	7	215	419
Hamilton	413	443	3	10	410	433	Wapello	1,632	1,399	24	24	1,608	1,375
Hancock	166	185	3	1	163	184	Warren	1,024	924	42	47	982	877
Hardin	526	451	8	11	518	440	Washington	337	423	34	32	303	391
Harrison	222	230	3	0	219	230	Wayne	141	131	0	1	141	130
Henry	306	344	1	2	305	342	Webster	2,647	2,675	185	182	2,462	2,493
Howard	135	94	2	4	133	90	Winnebago	192	155	7	11	185	144
Humboldt	227	133	16	2	211	131	Winneshiek	451	377	12	13	439	364
Ida	93	102	2	2	91	100	Woodbury	5,675	6,613	332	367	5,343	6,246
Iowa	119	121	0	6	119	115	Worth	151	184	8	3	143	181
Jackson	394	311	20	6	374	305	Wright	282	283	14	32	2[illegible]3	251
Jasper	974	1,115	13	34	961	1,081	**Total**	110,565	113,713	5,781	6,106	104,784	107,607

Source: Iowa Department of Public Safety, Iowa Uniform Crime Reports 1985

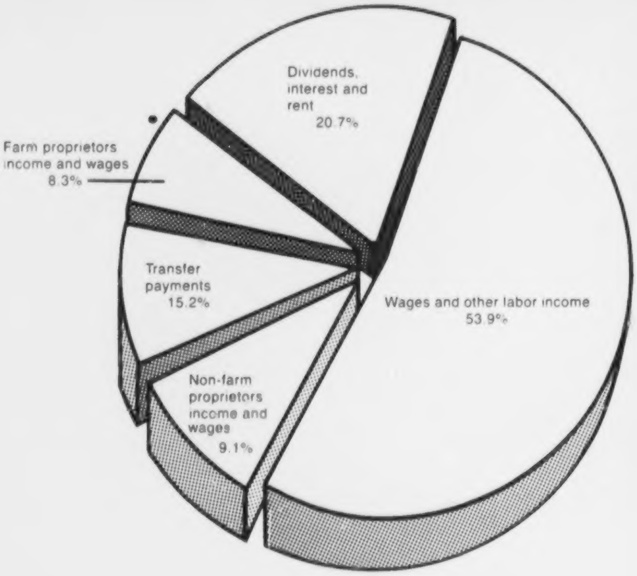
Crimes reported, 1985

	Violent Crimes				Property Crimes		
County	**Murder**	**Rape**	**Robbery**	**Aggravated Assault**	**Burglary**	**Larceny**	**Motor Vehicle Theft**
Adair	0	0	0	0	36	65	04
Adams	0	0	0	1	29	70	03
Allamakee	0	1	0	2	51	153	10
Appanoose	0	0	0	19	149	380	10
Audubon	0	0	0	4	17	83	2
Benton	0	1	0	12	133	193	21
Black Hawk	3	19	81	212	1,360	4,130	147
Boone	0	0	1	3	136	484	28
Bremer	0	0	0	23	77	295	18
Buchanan	0	0	2	8	191	364	20
Buena Vista	0	0	1	24	54	392	20
Butler	0	0	1	5	66	101	6
Calhoun	0	1	1	1	80	119	3
Carroll	0	2	1	9	64	319	5
Cass	0	1	1	2	56	221	12
Cedar	0	0	4	13	80	149	19
Cerro Gordo	0	4	11	202	589	2,294	101
Cherokee	0	0	0	6	52	179	4
Chickasaw	0	0	1	2	33	103	8
Clarke	0	0	2	2	64	129	3
Clay	0	0	0	6	104	544	15
Clayton	0	0	1	3	27	115	3
Clinton	2	5	10	27	349	1,696	79
Crawford	0	1	0	5	72	299	12
Dallas	1	2	0	17	212	533	28
Davis	0	0	0	2	47	78	1
Decatur	0	0	0	0	49	84	2
Delaware	0	1	0	10	52	149	10
Des Moines	0	3	6	192	418	1,381	83
Dickinson	0	0	1	5	98	394	21
Dubuque	1	4	22	72	860	2,549	209
Emmet	0	0	0	2	49	264	0
Fayette	0	0	0	18	166	305	9
Floyd	0	0	1	17	29	244	8
Franklin	0	2	0	7	43	202	3
Fremont	0	0	0	0	24	98	5
Greene	0	0	1	0	40	116	4
Grundy	0	2	0	2	49	115	12
Guthrie	0	0	0	6	25	99	4
Hamilton	1	3	2	4	103	306	24
Hancock	1	0	0	0	51	120	13
Hardin	1	0	3	7	74	350	16
Harrison	0	0	0	0	21	203	6
Henry	0	0	0	2	66	261	15
Howard	0	0	0	4	27	59	4
Humboldt	0	0	0	2	37	90	4
Ida	0	1	0	1	24	70	6
Iowa	0	0	0	6	24	81	10
Jackson	1	1	0	4	81	214	10
Jasper	1	0	9	24	305	740	36
Jefferson	0	0	1	1	77	409	9
Johnson	5	27	17	201	773	3,399	190
Jones	0	0	1	8	93	137	14
Keokuk	0	0	0	2	49	97	9
Kossuth	0	0	0	3	98	259	10
Lee	1	10	8	14	284	1,002	56
Linn	2	26	65	205	2,237	6,616	360
Louisa	0	0	0	7	101	195	8
Lucas	0	2	0	3	89	221	17
Lyon	0	0	0	0	23	52	3
Madison	1	2	0	2	98	199	14
Mahaska	0	4	3	51	169	499	23
Marion	0	0	0	23	125	422	29
Marshall	0	4	6	84	290	847	39
Mills	2	0	0	11	55	221	12
Mitchell	0	1	0	10	34	100	5
Monona	0	0	0	4	60	145	13
Monroe	2	0	2	12	53	138	3
Montgomery	2	0	1	1	92	284	15
Muscatine	2	1	2	14	220	1,157	47
O'Brien	1	0	0	11	97	181	10
Osceola	0	0	0	5	18	47	3
Page	0	1	0	7	114	363	28
Palo Alto	0	3	0	9	65	142	9
Plymouth	0	0	2	5	103	282	22
Pocahontas	0	0	0	0	21	63	8
Polk	11	103	533	870	5,917	17,604	1061
Pottawattamie	0	22	65	281	1,121	2,776	324
Poweshiek	0	0	0	3	86	180	9
Ringgold	0	0	0	0	91	0	1
Sac	0	0	0	8	33	97	1
Scott	7	49	211	849	2,118	5,129	211
Shelby	0	0	0	6	24	146	7
Sioux	0	0	0	3	54	208	10
Story	1	9	6	196	656	2,328	106
Tama	0	0	4	15	66	233	9
Taylor	0	0	0	3	64	102	12
Union	0	1	1	6	88	303	26
Van Buren	0	0	0	7	1	144	4
Wapello	0	5	9	10	455	852	68
Warren	3	1	4	39	275	545	57
Washington	0	0	2	30	97	283	11
Wayne	1	0	0	0	19	106	5
Webster	1	0	19	162	650	1,694	149
Winnebago	1	0	0	10	24	113	7
Winneshiek	0	0	0	13	71	265	28
Woodbury	0	37	62	268	2,021	3,978	247
Worth	0	1	0	2	77	96	8
Wright	0	0	0	32	60	184	7
Total	55	363	1,187	4,501	26,349	76,835	4,423

Source: Iowa Department of Public Safety

Economy

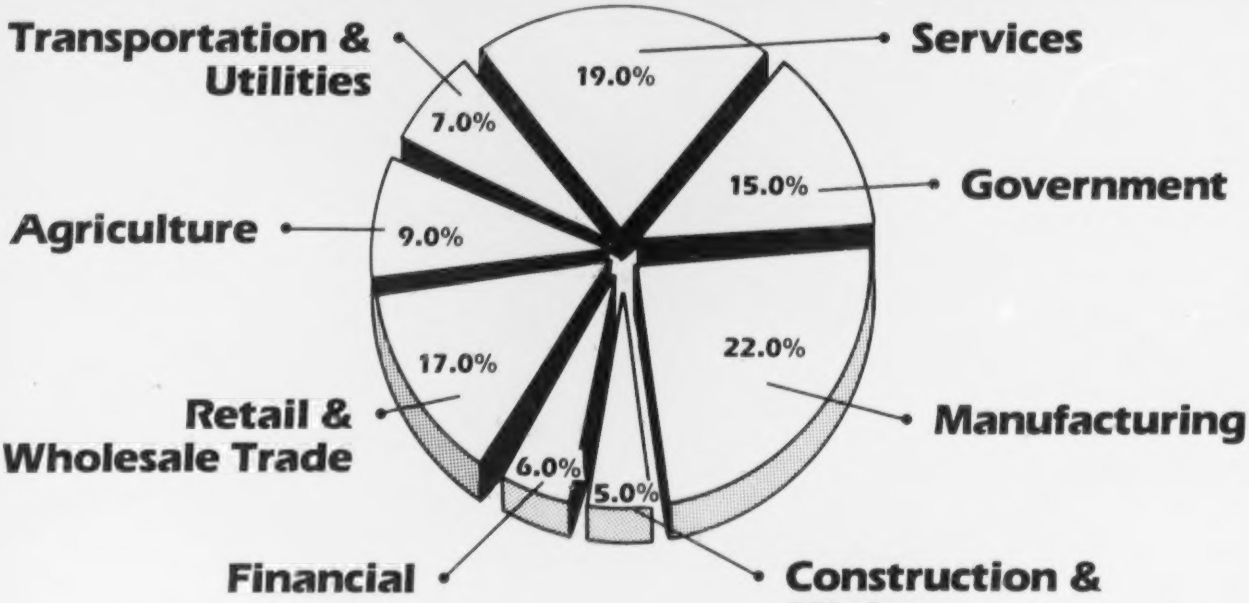
Major sources of personal income in Iowa, 1985



While agriculture accounts for a fairly small portion of Iowa personal income, its effects are widespread. For example, about 26 percent of Iowa factory workers are employed in two farm-related industries, food processing and farm machinery manufacturing.

However, during the past several years low farm income has had an impact on many Iowans. Its effects have been moderated somewhat by the 36 percent of Iowa personal income, which is shielded from local economic conditions. Income from transfer payments and interest, dividends and rent has been a stabilizing factor during the past several years.

Income earned by industry source, 1985

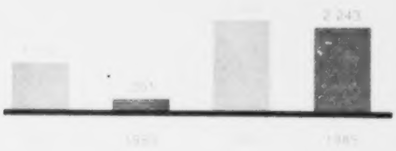


Source: Bureau of Planning & Research, Department of Economic Development

Iowa income by industry*

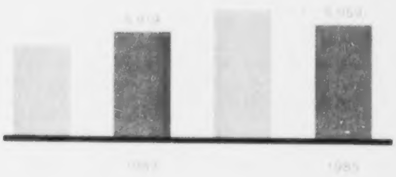
Agriculture
Agricultural income includes that earned in farming, agricultural services, fishing and forestry. Total income from the sector has remained at relatively low levels. This is due to: low commodity prices, high interest rates and sluggish export activity resulting from the strong dollar overseas.

Billions of 1982 Dollars			
1982	**1983**	**1984**	**1985**
1.39	0.26	2.37	2.24



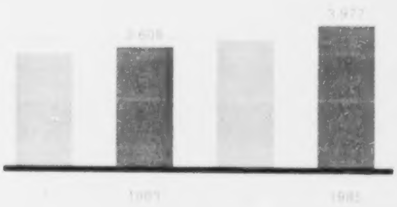
Manufacturing
During the past five years, the links of major Iowa manufacturing industries to agriculture and interest rates have contributed to the lower levels of income from this sector.

Billions of 1982 Dollars			
1982	**1983**	**1984**	**1985**
5.75	5.82	6.23	5.96



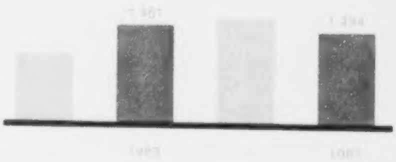
Services
The service industries contain a wide variety of businesses, ranging from lodging and amusement to health care and business services. Historically, income from this sector is less effected by economic downturns than most other sectors. Income growth in services was retarded during the recession from 1979 through 1981. During the past four years, this group of industries has resumed a growth pattern.

Billions of 1982 Dollars			
1982	**1983**	**1984**	**1985**
3.47	3.61	3.79	3.98



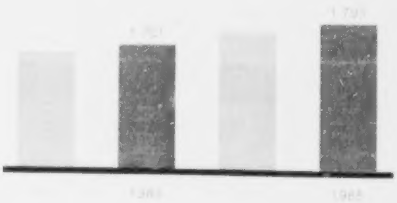
Finance, Insurance and Real Estate
Employment and income in this sector are influenced by different factors than those affecting the rest of the economy. Impacted by interest rates the real estate component was adversely affected in the early 1980's while insurance carriers benefitted.

Billions of 1982 Dollars			
1982	**1983**	**1984**	**1985**
1.26	1.46	1.48	1.48



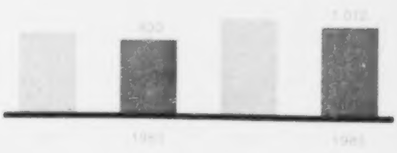
Transportation and Public Utilities
Income generated by the transportation portion of this sector is heavily influenced by two factors; the long-term decline in the use of railroads in the state, and the relatively low level of output from Iowa's manufacturing sector.

Billions of 1982 Dollars			
1982	**1983**	**1984**	**1985**
1.66	1.70	1.77	1.79



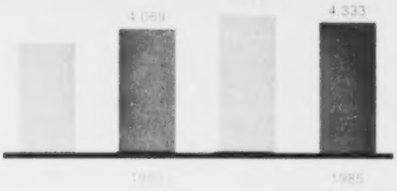
Construction
The level of construction activity is largely determined by interest rates and the amount of overall economic activity in the state. Income from the construction sector has risen somewhat over the past two years.

Billions of 1982 Dollars			
1982	**1983**	**1984**	**1985**
0.97	0.93	1.02	1.01

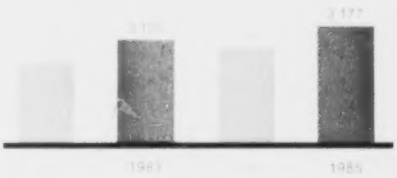


Iowa income by industry* (continued)

Wholesale & Retail Trade	Billions of 1982 Dollars			
	1982	**1983**	**1984**	**1985**
The wholesale and retail trade industries are largely dependent upon the overall health of the economy insulated by the large portion of Iowa income levels generated by dividend and interest payments not related to the farm economy. Increases noted since the beginning of 1983 reflect the gradual improvement of some sectors of the state's economy.	4.00	4.07	4.34	4.33



Government	Billions of 1982 Dollars			
	1982	**1983**	**1984**	**1985**
Federal, state and local levels of government have maintained a stable level of real spending in Iowa since the late 1970's.	3.07	3.13	3.12	3.18



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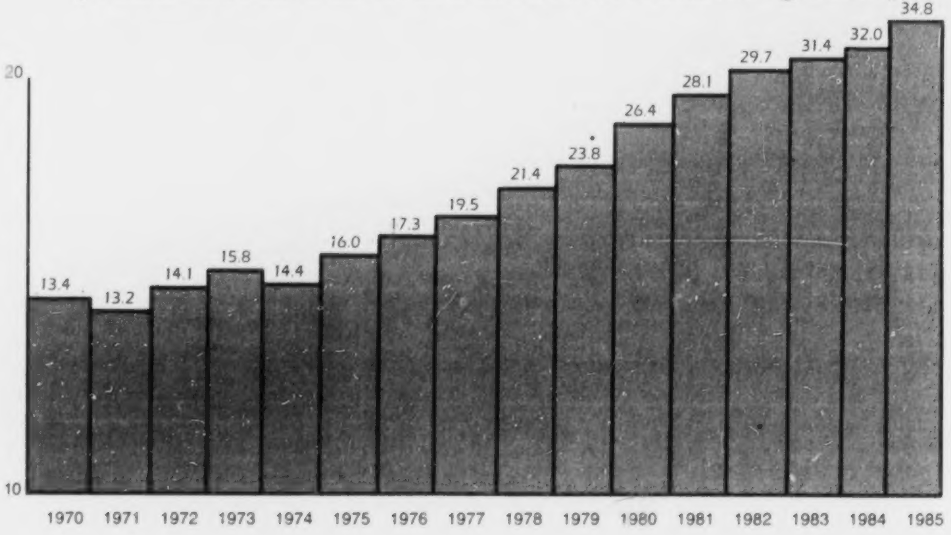
*Income includes wages and salaries, other labor income, proprietor's income and corporate profits (not only those distributed as dividends) that originate within a given industry in Iowa. Income is in billions of 1982 dollars, adjusted using the implicit price deflator for Gross National Product. Quarterly amounts are seasonally adjusted at annual rates. *Source: Bureau of Planning & Research, Department of Economic Development.*

Gross state product

Iowa's Gross State Product is a broad measure of aggregate economic activity in the state. It represents the total value of all goods and services produced in the state, just as Gross National Product represents the same concept for the nation.

(constant 1982 dollars, in billions reflects actual growth)



Source: Bureau of Planning & Research, Department of Economic Development.

U.S. inflation

Consumer price index for all urban consumers, all items, U.S. city average
(1967 = 100)

Year	Year End Index	(Average Annual) Inflation Rate
1960	88.7	1.5%
1965	94.5	1.9
1970	116.3	5.5
1975	161.2	7.0
1977	181.5	6.8
1978	195.4	9.0
1979	217.4	13.3
1980	246.8	12.4
1981	272.3	8.9
1982	289.1	3.9
1983	298.4	3.8
1984	315.5	4.0
1985	327.4	3.8
1986	331.1	1.1

Source: U.S. Department of Labor, Bureau of Labor Statistics.

Quarterly Iowa economic forecast, 1985-1988

	Year and Quarter															
	1986:1	**1986:2**	**1986:3**	**1986:4**	**1987:1**	**1987:2**	**1987:3**	**1987:4**	**1988:1**	**1988:2**	**1988:3**	**1988:4**	**1989:1**	**1989:2**	**1989:3**	**1989:4**
Personal Income (billions of current dollars)	36.53	36.74	36.97	36.91	37.95	38.52	38.84	39.31	39.52	39.82	40.11	40.40	40.66	40.97	41.39	41.75
Personal Income (billions of 1982 constant dollars)	32.13	32.39	32.33	32.00	32.47	32.57	32.51	32.58	32.45	32.36	32.24	32.14	32.01	31.92	31.92	31.84
Total Nonfarm Employment (thousands)	1,072.6	1,073.3	1,075.7	1,087.8	1,107.1	1,113.8	1,115.6	1,119.1	1,121.0	1,120.1	1,120.5	1,119.6	1,119.9	1,118.1	1,118.3	1,117.3

Source: The Iowa Economic Forecast, Sept. 1986, The Institute For Economic Research, The University of Iowa

Education

Public school enrollment[1]

Traditionally, Iowa's 436 public school districts have been in the forefront of new trends in school financing, teaching methods, administration and curriculum. This attitude is reinforced by the 238 parochial and private schools.

Iowa has three state universities, 34 private universities and 15 area vocational schools and area community schools.

The University of Iowa in Iowa City has 29,651 enrollees. University Hospital is one of the nation's finest medical and educational institutions, often compared to the Mayor Clinic. The campus boasts the charming "Old Capitol," well preserved seat of Iowa's first formal government.

Iowa State University, Ames, has 26,529 students in eight major fields: Agriculture, Agricultural Engineering, Home Economics, Science and Humanities, Veterinary Medicine, Education, Engineering and graduate studies. The university pioneered some of the advances in nuclear energy research and is a major developer of uses for agricultural products. ISU also maintains an extension service that works with Iowa communities on a wide variety of social and economic projects.

The Unviersity of Northern Iowa, Cedar Falls, has 11,514 students. Originally a state teachers college, it now attracts students in a variety of fields, including business. The Doctor of Industrial Technology is the only degree of its kind in the nation. A feature of its attractive campus is the UNI-Dome, a multi-purpose enclosed arena.

	Enrollment						
	1970-71	**1975-76**	**1980-81**	**1983-84**	**1984-85**	**1985-86**	**1986-87**
Kindergarten	50,219	45,790	39,140	39,067	39,872	40,925	40,195
First	49,890	40,890	35,265	37,518	37,405	38,110	39,140
Second	49,547	39,051	34,004	34,338	35,649	35,387	36,095
Third	50,510	39,461	36,449	34,299	33,519	34,508	34,555
Fourth	51,264	40,635	39,672	32,971	33,784	32,977	33,904
Fifth	50,314	43,225	40,118	32,742	32,404	33,327	32,379
Sixth	49,762	46,410	38,935	35,497	32,385	32,038	32,778
Ungraded Elem	6,205	6,566	2,054	N/A	N/A	N/A	N/A
Total K-6	357,711	302,028	265,601	246,432	245,018	247,272	249,046
Seventh	48,918	49,570	39,238	38,937	35,734	32,653	32,174
Eight	49,737	50,961	40,120	39,480	38,433	35,136	32,088
Ninth	50,725	53,099	42,372	39,940	40,532	39,688	36,316
Ungraded Jr. High	*	242	196	N/A	N/A	N/A	N/A
Total 7-9	149,380	153,872	121,926	118,357	114,699	107,477	100,578
Tenth	49,961	51,612	43,842	38,375	38,895	39,337	38,047
Eleventh	47,817	49,085	45,220	38,631	36,853	37,203	37,707
Twelth	44,744	43,569	44,382	38,729	37,450	35,906	36,222
Ungraded Sr. High	190	262	1,314	N/A	N/A	N/A	N/A
Total 10-12	142,712	144,528	134,758	115,735	113,298	112,446	111,976
Special Education	9,766	10,410	10,398	14,441	14,837	18,481	18,705
Grand Total	659,576	610,838	532,683	480,524	487,852	485,676	480,305

N/A = Not available.

[1] Data includes only approved public schools in Iowa.

Source: Iowa Department of Education.

Public and private high school graduates

	Graduation[1] Rate
U.S. Average	74.9%
Illinois	77.1
Indiana	78.3
IOWA	88.0
Kansas	82.5
Minnesota	90.7
Missouri	76.2
Nebraska	84.1
Ohio	82.2
South Dakota	85.0
Wisconsin	84.0

[1] Graduation rate is defined as the percent of the 1982 ninth grade class that completed high school in 1985.

Source: National Center for Education Statistics, U.S. Department of Education.

Enrollment in higher learning

Type of Institution	Undergraduate Enrollment Fall 1975	Fall 1980	Fall 1983	Fall 1984	Fall 1985	Fall 1986
Regents	40,748	47,247	53,259	53,952	67,694	67,512
Independent 4-year	29,571	33,338	38,823	31,393	37,042	37,288
Independent 2-year	3,040	798	1,838	1,637	1,516	1,459
Area Community Colleges	30,784	35,477	39,360	39,679	39,658	41,087
Bible & Theological Schools	921	812	720	682	775	770
Business Schools	1,562	1,651	1,301	1,422	1,267	1,340*
Nursing & Professional Schools	1,632	1,243	1,452	1,226	3,669	3,305
Grand Total	108,258	120,728	130,753	129,991	151,621	152,761

*Enrollment for one school was not available.

Open Bible College and Sioux Empire College ceased to exist beginning with the Fall, 1985 school year.

Source: *Iowa College Aid Commission.*

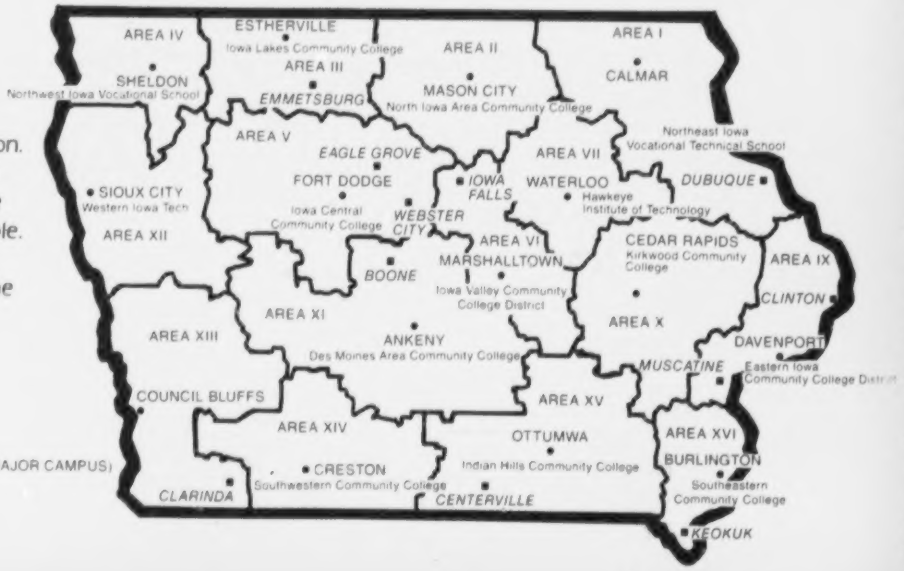
Area college enrollment

	Total Students Degree Credit Enrollment				By Source		By Academic Load		New Freshmen		Other New Students	
	Fall 1985	Fall 1986 Total	Men	Women	Iowa Residents	Non-Iowa Residents	Full Time	Part Time	Fall 1985	Fall 1986	Fall 1985	Fall 1986
Des Moines Area, Ankeny, Boone and Carroll	7,882	8,667	3,607	5,060	8,501	166	3,872	4,795	3,785	4,107	879	797
Eastern Iowa-Clinton, Muscatine and Scott	4,710	4,923	2,072	2,851	4,530	393	2,579	2,344	2,095	2,047	8	0
Hawkeye Institute	1,867	1,857	1,050	807	1,846	11	1,756	131	664	768	133	134
Indian Hills-Ottumwa, Ottumwa Heights, Centerville	1,958	2,260	1,093	1,167	2,168	92	1,687	573	793	985	261	195
Iowa Central-Eagle Grove, Fort Dodge, Webster City	2,239	2,109	979	1,130	2,055	54	1,542	567	1,331	1,315	117	110
Iowa Lakes-Emmetsburg, Estherville	1,625	1,675	876	799	1,580	95	1,158	517	708	694	58	163
Iowa Valley-Ellsworth Marshalltown	2,303	2,214	982	1,232	2,158	56	1,537	677	1,024	978	103	70
Iowa Western	2,796	2,739	1,328	1,411	2,461	278	1,721	1,018	912	862	253	264
Kirkwood	6,377	6,308	2,743	3,565	6,127	181	3,916	2,392	2,526	2,171	462	521
North Iowa Area	2,296	2,456	1,153	1,303	2,415	41	1,743	713	898	925	202	214
Northeast Iowa-Calmar, Peosta	1,109	1,072	393	679	1,027	45	931	141	597	527	162	144
Northwest Iowa	469	449	359	90	411	38	436	13	245	254	50	21
Southeastern-Burlington, Keokuk, Ft. Madison State Pen	1,875	2,095	874	1,221	1,825	270	1,400	695	847	911	130	173
Southwestern	779	790	401	389	769	21	571	219	193	291	104	86
Western Iowa Tech	1,373	1,473	867	606	1,279	194	1,446	27	693	776	193	178
Total	39,658	41,087	18,777	22,310	39,152	1,935	26,265	14,822	17,311	17,611	3,115	3,070

Source: *Iowa College and University Enrollment Fall 1985, prepared by Dr. Jerald Dallam, University of Iowa.*

Iowa's area colleges provide an exceptionally wide variety of opportunities. Programs are offered through the adult education division and college parallel division.

The growth of the area colleges has been impressive. In the 1965-66 school year, there were only 25 occupational programs available. This number has increased to 158 full-time preparatory career programs during fall of the 1985-86 school year.


AREA IV
SHELDON
Northwest Iowa Vocational School
ESTHERVILLE
Iowa Lakes Community College
AREA III
EMMETSBURG
AREA II
MASON CITY
North Iowa Area Community College
AREA I
CALMAR
Northeast Iowa Vocational Technical School
DUBUQUE
AREA V
EAGLE GROVE
FORT DODGE
Iowa Central Community College
WEBSTER CITY
IOWA FALLS
AREA VII
WATERLOO
Hawkeye Institute of Technology
SIOUX CITY
Western Iowa Tech
AREA XII
BOONE
AREA VI
MARSHALLTOWN
Iowa Valley Community College District
CEDAR RAPIDS
Kirkwood Community College
AREA IX
CLINTON
AREA X
AREA XI
AREA XIII
ANKENY
Des Moines Area Community College
DAVENPORT
MUSCATINE
Eastern Iowa Community College District
COUNCIL BLUFFS
AREA XV
AREA XIV
OTTUMWA
Indian Hills Community College
AREA XVI
BURLINGTON
Southeastern Community College
CRESTON
Southwestern Community College
CLARINDA
CENTERVILLE
KEOKUK

Iowa Area Vocational/Technical Schools

- ■ OTHER CAMPUS (AREA SCHOOLS WITH MORE THAN ONE MAJOR CAMPUS)
- ● ADMINISTRATIVE CENTER AND CAMPUS

Higher education in the midwest

State	1981-82 Total Degrees	1981-82 Bachelor's Degrees	1981-82 Advanced Degrees	1982-83 Total Degrees	1982-83 Bachelor's Degrees	1982-83 Advanced Degrees
United States	1,353,283	952,998	400,285	1,365,336	969,504	395,832
Illinois	68,812	45,152	23,660	69,696	46,177	23,519
Iowa	18,874	14,463	4,411	18,872	14,494	4,378
Kansas	16,219	11,961	4,258	16,595	12,483	4,112
Minnesota	25,518	19,748	5,770	26,266	20,664	5,602
Missouri	33,727	22,854	10,873	34,039	22,921	11,118
South Dakota	4,796	3,909	887	5,065	4,160	905
Nebraska	10,338	7,767	2,571	10,715	8,054	2,661
Wisconsin	29,430	22,371	7,059	29,961	23,185	6,776

*Includes master's, doctor's, and first-professional degrees.

Source: The Condition of Education - 1983 Edition, National Center for Education, U.S. Department of Education.

Freshman enrollment in higher education

Type of Institution	Fall 1980*	1984	1985	1986
State Institutions	9,825	9,407	9,734	9,548
Private Colleges and Universities	8,478	7,984	7,347	7,084
Area Schools	17,266	17,126	17,304	17,611
Private Junior College & Business Schools	393	1,341	1,446	1,017
All Institutions	35,962	35,858	35,831	35,260

Revised.

*Business school freshmen enrollment not included.

Source: Iowa College Aid Commission.

Persons age 25 years and over by years of school completed, 1980

State	Elementary 0-8 years	Percent	High School 1-3 years	Percent	High School 4 years	Percent	College 1-3 years	Percent	College 4 yrs or more	Percent
United States	24,257,683	18.3	20,277,683	15.3	45,947,035	34.6	20,794,975	15.6	21,558,480	16.2
Illinois	1,235,826	18.5	1,001,414	15.0	2,343,719	35.1	1,015,515	15.2	1,082,285	16.2
IOWA	283,918	16.7	200,038	11.8	729,369	42.9	249,722	14.7	237,055	13.9
Kansas	203,355	14.7	166,880	12.0	543,823	39.2	237,617	17.1	236,427	17.0
Minnesota	391,854	16.7	240,294	10.2	904,382	38.6	401,890	17.1	407,281	17.4
Missouri	634,211	21.7	430,386	14.8	1,059,240	36.3	389,304	13.3	405,515	13.9
Nebraska	137,561	15.1	105,055	11.5	370,302	40.6	157,693	17.3	141,542	15.5
South Dakota	85,894	22.0	39,072	10.0	141,375	36.3	68,936	17.7	54,624	14.0
Wisconsin	485,923	18.0	336,370	12.4	1,093,496	40.4	388,523	14.4	401,076	14.8

Source: 1980 Census of Population, U.S. Department of Commerce, Bureau of the Census.

Annual salary estimate of teachers in public schools

	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86
Iowa	$11,700	$16,96	$19,257	$20,140	$20,934	$21,690
United States	12,600	17,590	20,725	22,029	23,595	25,313

Source: Rankings of the States, 1986, National Education Association.

Expenditures per pupil[1] in public elementary/secondary schools

	1984-85	1985-86
U.S. Average	$3,413	$3,723
Illinois	3,517	3,621
Indiana	2,638	3,159
IOWA	3,409	3,568
Kansas	3,668	3,914
Minnesota	3,396	3,982
Missouri	2,901	3,115
Nebraska	3,128	3,285
Ohio	3,315	3,547
South Dakota	2,813	2,967
Wisconsin	3,880	4,247

Current expenditures per pupil in average daily attendance.

Source: Rankings of the States, 1986, National Education Association.

Iowa school enrollment 1986-87 (Primary and Secondary Education)

County Name	K-6	7-9	10-12	Special Education	Total	Non-Public Enrollment	Total Enrollment All Schools
Adair	695	248	269	10	1,222	—	1,222
Adams	425	166	159	33	783	—	783
Allamakee	1,412	608	715	74	2,809	207	3,016
Appanoose	1,288	570	580	94	2,532	110	2,642
Audubon	686	270	300	10	1,266	—	1,266
Benton	2,311	871	1,005	91	4,289	102	4,391
Black Hawk	9,999	3,878	4,102	971	19,085	3,603	22,688
Boone	2,069	816	936	107	3,937	279	4,216
Bremer	2,910	1,298	1,535	110	5,857	301	6,158
Buchanan	1,651	686	714	113	3,178	340	3,518
Buena Vista	1,678	617	676	220	3,222	356	3,578
Butler	1,473	575	714	16	2,780	—	2,780
Calhoun	1,380	499	611	30	2,522	—	2,522
Carroll	1,502	467	602	77	2,666	1,989	4,655
Cass	1,746	665	754	35	3,208	—	3,208
Cedar	1,897	746	830	45	3,525	—	3,525
Cerro Gordo	3,885	1,487	1,561	368	7,364	770	8,134
Cherokee	1,540	605	625	54	2,835	—	2,835
Chickasaw	1,241	532	683	21	2,485	187	2,672
Clarke	881	358	387	35	1,663	—	1,663
Clay	1,789	629	732	80	3,252	185	3,437
Clayton	2,008	815	848	89	3,764	168	3,932
Clinton	4,862	2,056	2,336	343	9,630	780	10,410
Crawford	1,814	790	881	79	3,573	363	3,936
Dallas	3,334	1,302	1,436	171	6,259	193	6,452
Davis	790	317	340	26	1,483	—	1,483
Decatur	806	315	385	47	1,556	—	1,556
Delaware	1,749	714	808	129	3,416	303	3,719
Des Moines	4,008	1,622	1,836	287	7,843	439	8,282
Dickinson	1,479	585	630	45	2,757	—	2,757
Dubuque	5,638	2,720	3,469	1,278	13,239	6,793	20,032
Emmet	1,212	497	552	39	2,303	17	2,320
Fayette	2,229	1,023	1,133	124	4,531	340	4,871
Floyd	1,535	736	843	139	3,266	256	3,522
Franklin	950	361	409	39	1,759	32	1,791
Fremont	941	370	387	38	1,745	—	1,745
Greene	1,034	379	452	53	1,924	—	1,924
Grundy	1,267	466	673	12	2,418	70	2,488
Guthrie	1,424	504	595	52	2,585	—	2,585
Hamilton	1,528	666	769	74	3,047	103	3,150
Hancock	1,281	517	550	5	2,353	61	2,414
Hardin	2,115	913	924	103	4,070	—	4,070
Harrison	1,539	687	753	62	3,051	66	3,117
Henry	1,943	790	843	61	3,646	—	3,646
Howard	1,095	417	539	29	2,080	298	2,378
Humboldt	1,025	361	474	37	1,898	149	2,047
Ida	811	322	312	44	1,495	0	1,495
Iowa	1,379	548	666	42	2,654	182	2,836
Jackson	1,844	774	944	150	3,737	608	4,345
Jasper	3,302	1,419	1,489	218	6,447	226	6,673
Jefferson	1,005	445	514	72	2,044	293	2,337

County Name	**K-6**	**7-9**	**10-12**	**Special Education**	**Total**	**Non-Public Enrollment**	**Total Enrollment All Schools**
Johnson	5,757	2,072	2,299	230	10,383	571	10,954
Jones	1,631	778	882	76	3,378	282	3,660
Keokuk	1,295	496	575	29	2,404	0	2,404
Kossuth	1,379	508	619	77	2,591	1,130	3,721
Lee	3,364	1,324	1,559	303	6,586	1,110	7,696
Linn	14,369	5,975	7,383	1,217	29,091	3,107	32,198
Louisa	1,528	625	628	48	2,839	0	2,839
Lucas	895	354	362	36	1,654	0	1,654
Lyon	1,238	444	544	60	2,288	174	2,462
Madison	1,504	605	618	109	2,843	0	2,843
Mahaska	1,746	690	724	87	3,256	213	3,469
Marion	2,838	1,102	1,193	133	5,284	795	6,079
Marshall	3,398	1,513	1,697	328	6,977	342	7,319
Mills	1,347	571	557	58	2,547	0	2,547
Mitchell	875	396	491	46	1,811	222	2,033
Monona	954	420	441	29	1,852	88	1,940
Monroe	749	276	308	43	1,376	0	1,376
Montgomery	1,206	487	487	32	2,226	0	2,226
Muscatine	4,066	1,669	1,647	203	7,622	263	7,885
O'Brien	1,457	576	714	52	2,812	530	3,342
Osceola	464	195	229	55	951	110	1,061
Page	1,681	720	677	52	3,144	109	3,253
Palo Alto	1,029	404	530	38	2,015	263	2,278
Plymouth	2,118	802	932	80	3,949	1,051	5,000
Pocahontas	833	369	449	32	1,683	135	1,818
Polk	26,736	10,837	11,081	2,044	50,914	5,474	56,388
Pottawattamie	8,424	3,324	3,478	680	15,989	966	16,955
Poweskiek	1,518	660	756	164	3,103	9	3,112
Ringgold	497	222	237	19	983	0	983
Sac	1,278	476	545	32	2,333	55	2,388
Scott	14,705	6,049	6,551	1,050	28,449	2,422	30,871
Shelby	1,113	537	646	75	2,379	335	2,714
Sioux	2,060	737	869	64	3,752	2,663	6,415
Story	5,193	1,884	2,177	226	9,518	173	9,691
Tama	1,755	663	802	192	3,426	0	3,426
Taylor	761	335	315	18	1,440	0	1,440
Union	1,292	542	588	61	2,496	130	2,626
Van Buren	814	300	331	42	1,488	0	1,488
Wapello	3,587	1,529	1,553	240	6,909	108	7,017
Warren	3,604	1,524	1,693	173	6,998	0	6,998
Washington	1,800	729	808	74	3,421	269	3,690
Wayne	678	262	287	10	1,244	0	1,244
Webster	3,154	1,239	1,479	294	6,208	1,236	7,444
Winnebago	1,492	595	637	47	2,788	14	2,802
Winneshiek	1,249	549	712	80	2,605	560	3,165
Woodbury	9,021	3,346	3,667	1,124	17,209	2,893	20,102
Worth	665	254	326	1	1,246	0	1,246
Wright	1,524	592	613	57	2,792	0	2,792
State	249,046	100,578	111,976	16,701	480,305	47,971	528,276

Economic development training

Iowa's vocational education delivery system is responding to the educational needs of business and industry by offering customized training—tailored to the unique needs of the specific business or industry. During fiscal year 86, Iowa business and industrial firms and Iowa schools cooperated in the development of training programs for 5,645 Iowans. These partnerships between business and industry and education contribute to economic growth in the state by preparing, upgrading, and retraining individuals for participation in the work force.

These programs were developed to:

- Prepare workers for employment in new and expanding business and industry *(NEBIT)*
- Increase productivity in existing business and industry *(Productivity Enhancement)*
- Prepare workers for employment in new or expanding business and industry in accordance with a unique financial design established by the Iowa State Legislature *(Iowa Industrial New Jobs Training Program)*

Program Category	**No. of Schools**		**No. of Companies**		**No. of Programs**		**Enrollment**	
	1985	**1986**	**1985**	**1986**	**1985**	**1986**	**1985**	**1986**
NEBIT	6	9	10	16	10	16	1,694	753
Productivity Enhancement	1	10	1	39	1	47	649	2,307
Iowa Industrial New Jobs Training Program	14	14	53	37	56	37	5,040	2,765
Total	*	*	*	*	67	100	7,383	5,645

*Detailed data will not aggregate to overall total because several schools and companies were involved in more than one of the four categories.

Source: Iowa Department of Public Instruction, Career Education Division.

Public libraries

Number of Public Libraries	**Size of Community Served**
8	Over 50,000
9	25,000 - 49,999
12	10,000 - 24,999
36	5,000 - 9,999
52	2,500 - 4,999
142	1,000 - 2,499
139	500 - 999
111	Under 500
4	Counties
Total 513	

	1981	**1982**	**1983**	**1984**
Acquisitions:				
book titles	514,929	546,648	555,486	1,190,822
audio-visual titles	25,332	21,383	24,312	26,453
microforms/other	56,647	53,160	55,524	649,640
Holdings:				
book titles	7,945,442	8,030,242	8,459,395	8,742,141
periodical subscriptions	23,696	24,260	25,127	25,334
audio-visual titles	235,824	243,215	273,583	286,383
microforms	470,755	547,116	564,586	772,404
Circulation:				
print materials	14,980,907	16,456,342	17,304,120	16,519,270
non-print materials	708,157	762,749	899,327	1,052,003
statewide circulation per capita	8.37	9.15	9.6	9.36

Source: State Library of Iowa, Office Library Development

Energy

Total Iowa energy consumption, 1979-1986

PRIMARY ENERGY DELIVERIES

Energy Type	1979	1980	1981	1982	1983	1984	1985	1986
Motor Gas (million gallons)	1,724.30	1,529.17	1,378.81	1,312.64	1,307.90	1,421.22	1,427.28	1,446.15
Distillate (million gallons)	878.07	660.31	570.52	572.42	631.48	699.04	679.80	705.55
Propane (million gallons)	511.24	367.63	328.53	363.07	274.97	310.93	336.76	267.02
Residual (million gallons)	9.19	4.64	2.06	.59	7.63	w	.52	.77
Aviation Fuel (million gallons)	34.78	40.03	52.65	39.09	32.90	46.11	46.21	25.46
Natural Gas (billion cf)	261.97	245.13	236.89	219.20	206.39	214.94	207.19	214.26
Coal and Coke bituminous and lignite (thousand net tons)	13,571.00	12,568.00	12,127.00	13,076.00	13,336.00	14,896.00	14,342.00	13,600.00e
Uranium (6.1 kwh) Gross thermal energy	22.50	19.44	20.29	19.59	20.09	20.18	20.52	20.67
Hydroelectric (billion kwh)	2.42	2.57	2.40	2.39	2.45	2.40	2.46	2.48

*Historic Revisions

w = Withheld

Source: Energy 1986, Annual Report of the Iowa Energy Policy Council - supplement.

Iowa's primary energy use*

PERCENTAGE OF TOTAL BY SOURCE

Source	1979'	1980'	1981'	1982'	1983'	1984'	1985	1986
Natural Gas	26.1	27.5	28.2	26.3	25.2	25.3	24.2	25.3
Gasoline	21.0	21.0	20.1	19.3	19.4	20.3	20.3	20.7
Distillate	12.0	10.2	9.3	9.4	10.4	11.1	10.7	11.2
LP	4.7	3.8	3.6	4.1	3.0	3.2	3.5	2.8
Aviation and Residual	.6	.7	.84	.61	.51	.71	.71	.41
Coal and Coke	25.5	26.3	26.7	29.2	29.9	28.4	29.6	28.4
Nuclear	7.5	7.3	8.1	7.9	8.1	7.9	7.9	8.0
Hydropower	2.7	3.2	3.2	3.2	3.3	3.1	3.1	3.2

Revised.

*Compiled from Form EIA-25 (actual deliveries to Iowa) and Iowa Commerce Commission data. Energy 1986, Iowa Energy Policy Council.

Major components of Iowa's energy cost

Energy Type	Cost (000)	Percent
Gasoline	$1,272,612	29.8
Electricity	1,433,844	33.5
Natural Gas	794,144	18.6
Distillate	543,274	12.7
Propane	141,521	3.3
Aviation Fuel	28,006	.7
Residual	308	.01
Coal (Industrial)	62,300	1.5
1986 Total Energy Bill	$4,276,009	

Source: Energy 1986, Iowa Energy Policy Council.

1981 energy use and cost by industry, Iowa

SIC Code	Industry Group	BTU's (Trillions)	Cost (Million Dollars)
20	Food and kindred products	66.2	233.6
23	Apparel, other textile products	.2	1.3
24	Lumber and wood products	.7	4.1
25	Furniture and fixtures	.4	2.3
26	Paper and allied products	4.2	16.7
27	Printing and publishing	1.2	8.3
28	Chemicals, allied products	30.4	111.1
30	Rubber, misc. plastics products	6.5	29.2
32	Stone, clay, glass products	18.7	55.3
33	Primary metal industries	12.0	59.0
34	Fabricated metal products	3.3	19.2
35	Machinery, except electrical	16.1	84.7
36	Electric, electronic equipment	3.1	20.7
37	Transportation equipment	1.0	6.4
38	Instruments, related products	.1	.9
39	Misc. manufacturing indus.	.7	4.5

Source: 1982 Annual Survey of Manufactures, U.S. Department of Commerce, Bureau of the Census.

Typical residential electric bills*, 1986

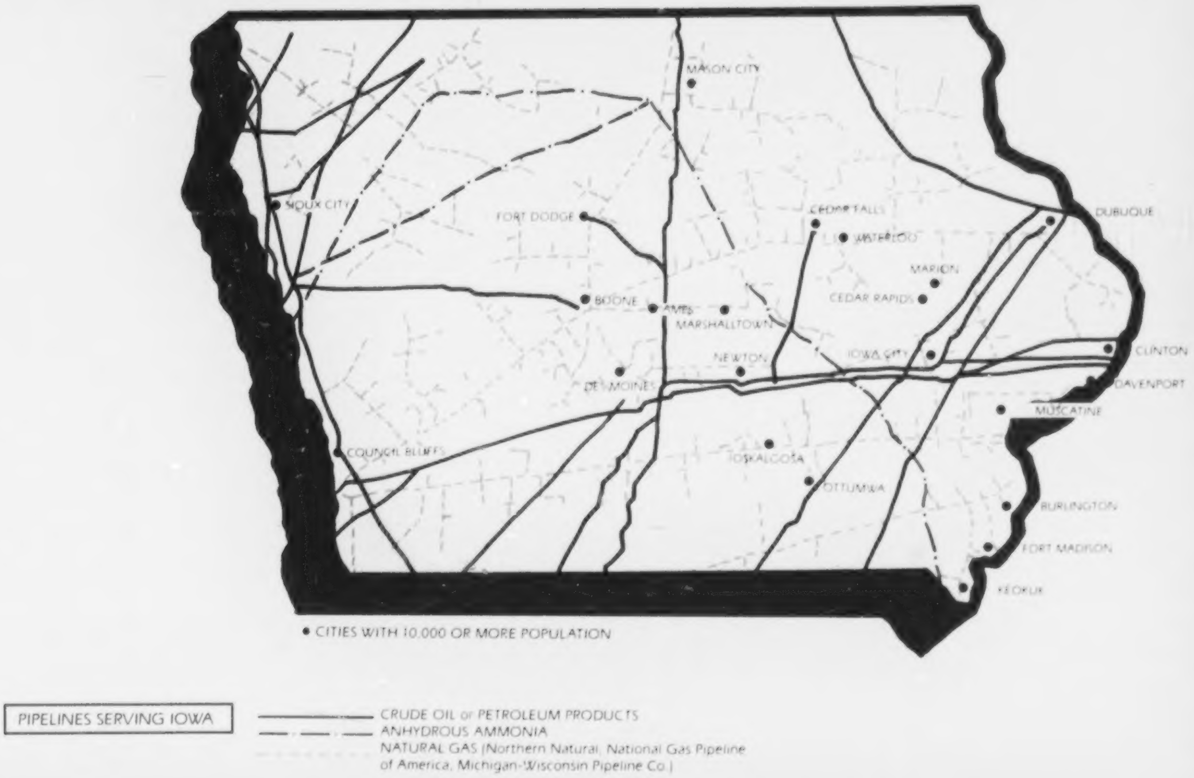
Communities (2,500 in population or larger)

	Lighting, Appliances, Refrigeration, Cooking				
			Water Heating		
					Space Heating
Iowa	250 kWh	500 kWh	750 kWh	1,000 kWh	2,500 kWh
Adel	24.23	44.45	64.68	84.90	154.80
Adel	25.87	47.75	69.62	91.50	222.75
Albia	20.73	36.43	52.14	66.84	153.57
Albia	20.73	36.43	52.14	67.84	162.07
† Algona	18.88	32.50	42.25	54.00	127.50
Altoona	24.23	44.45	64.68	84.90	154.80
Altoona	25.87	47.75	69.62	91.50	222.75
† Ames	21.65	38.70	54.10	69.50	157.40
† Ames	23.90	43.90	63.30	82.70	190.10
Anamosa	23.78	40.60	55.45	70.30	128.94
Anamosa	31.23	54.73	75.75	96.78	122.28
Ankeny	24.23	44.45	64.68	84.90	154.80
Ankeny	25.87	47.75	69.62	91.50	222.75
† Atlantic	15.15	27.05	33.50	44.50	80.25
† Atlantic	15.15	27.05	33.50	44.50	110.25
Audubon	28.61	50.99	64.89	86.98	172.64
Belle Plaine	23.78	40.60	55.45	70.30	128.94
Belle Plaine	31.23	54.73	75.75	96.78	122.28
Belmond	23.78	40.60	55.45	70.30	128.94
Belmond	31.23	54.73	75.75	96.78	122.28
Bettendorf	23.12	46.99	52.94	71.70	137.39
Bettendorf	25.62	51.99	56.94	80.44	213.47
† Bloomfield	18.68	32.43	46.08	58.76	130.21
Boone	23.78	40.60	55.45	70.30	128.94
Boone	31.23	54.73	75.75	96.78	122.28
Burlington	19.10	33.96	44.61	59.47	143.22
Burlington	19.19	34.53	45.00	60.32	150.00
Camanche	23.12	46.99	52.94	71.70	137.39
Camanche	25.62	51.99	56.94	80.44	213.47
† Carlisle	16.85	31.70	45.75	59.00	116.90
† Carlisle	16.85	31.70	45.75	59.00	138.50
Carroll	28.61	50.99	64.89	86.98	172.64
† Carter Lake	18.66	31.72	44.76	57.82	115.47
† Carter Lake	20.63	36.38	52.13	67.89	157.36
† Cedar Falls	15.61	24.63	33.65	42.68	95.83
† Cedar Falls	15.61	24.63	33.65	45.68	117.83
Cedar Rapids	23.78	40.60	55.45	70.30	128.94
Cedar Rapids	31.23	54.73	75.75	96.78	122.28
Centerville	19.10	33.96	44.61	59.47	143.22
Centerville	19.19	34.53	45.00	60.32	150.00
Chariton	19.10	33.96	44.61	59.47	143.22
Chariton	19.19	34.53	45.00	60.32	150.00
Charles City	28.61	50.99	64.89	86.98	172.64
Cherokee	28.61	50.99	64.89	86.98	172.64
Clarinda	24.23	44.45	64.68	84.90	154.80
Clarinda	25.87	47.75	69.62	91.50	222.75
Clarion	28.61	50.99	64.89	86.98	172.64
Clear Lake	21.60	39.76	52.43	69.76	142.05
Clinton	19.75	36.06	47.79	63.68	135.21
Clive	24.23	44.45	64.68	84.90	154.80
Clive	25.87	47.75	69.62	91.50	222.75
Coralville	23.12	46.99	52.94	71.70	137.39
Coralville	25.62	51.99	56.94	80.44	213.47
Council Bluffs	24.23	44.45	64.68	84.90	154.80
Council Bluffs	25.87	47.75	69.62	91.50	222.75
Cresco	21.60	39.76	52.43	69.76	142.05
Creston	19.10	33.96	44.61	59.47	143.22
Creston	19.19	34.53	45.00	60.32	150.00
Davenport	23.12	46.99	52.94	71.70	137.39
Davenport	25.62	51.99	56.94	80.44	213.47
De Witt	23.78	40.60	55.45	70.30	128.94
De Witt	31.23	54.73	75.75	96.78	122.28
Decorah	21.60	39.76	52.43	69.76	142.05
† Denison	14.75	24.50	34.25	44.00	102.50
Des Moines	24.47	44.89	65.32	85.75	156.35
Des Moines	26.13	48.23	70.32	92.42	224.98
Dubuque	19.75	36.06	47.79	63.68	135.21
Dyersville	21.60	39.76	52.43	69.76	142.05
Eagle Grove	28.61	50.99	64.89	86.98	172.64
Eldora	23.78	40.60	55.45	70.30	128.94
Eldora	31.23	54.73	75.75	96.78	122.28
† Eldridge	21.29	39.48	57.66	75.84	184.95
† Eldridge	21.37	40.44	59.50	78.56	192.91
Emmetsburg	28.61	50.99	64.89	86.98	172.64
† Estherville	20.90	37.46	50.86	64.26	144.69
Evansdale	28.61	50.99	64.89	86.98	172.64
Fairfield	23.78	40.60	55.45	70.30	128.94
Fairfield	31.23	54.73	75.75	96.78	122.28
† Forest City	16.55	28.60	39.90	50.70	115.50
Fort Dodge	23.12	46.99	52.94	71.70	137.39
Fort Dodge	25.62	51.99	56.94	80.44	213.47
Fort Madison	24.00	39.00	54.00	62.83	115.78
Fort Madison	27.60	46.20	64.80	83.40	195.00
Garner	23.78	40.60	55.45	70.30	128.94
Garner	31.23	54.73	75.75	96.78	122.28
Glenwood	24.23	44.45	64.68	84.90	154.80
Glenwood	25.87	47.75	69.62	91.50	222.75
Grinnell	19.10	33.96	44.61	59.47	143.22
Grinnell	19.19	34.53	45.00	60.32	150.00
† Grundy Center	20.25	37.50	52.25	67.00	142.00
Hampton	28.61	50.99	64.89	86.98	172.64
† Harlan	19.35	36.75	54.15	70.05	123.45
† Harlan	19.35	36.75	54.15	70.05	165.45
† Hawarden	15.75	22.00	28.25	34.50	72.00
Hiawatha	23.78	40.60	55.45	70.30	128.94
Hiawatha	31.23	54.73	75.75	96.76	122.28
Humboldt	28.61	50.99	64.89	86.98	172.64
† Independence	20.92	37.35	53.77	70.20	163.75
† Indianola	17.10	31.50	45.17	58.83	140.78
Iowa City	23.12	46.99	52.94	71.70	137.39
Iowa City	25.62	51.99	56.94	80.44	213.47
Iowa Falls	23.78	40.60	55.45	70.30	128.94
Iowa Falls	31.23	54.73	75.75	96.78	122.28
Jefferson	23.78	40.60	55.45	70.30	128.94
Jefferson	31.23	54.73	75.75	96.78	122.28
Johnston	24.23	44.45	64.68	84.90	154.80
Johnston	25.87	47.75	69.62	91.50	222.75
Keokuk	24.00	39.00	54.00	62.83	115.78
Keokuk	27.60	46.20	64.80	83.40	195.00
Knoxville	24.23	44.45	64.68	84.90	154.80
Knoxville	25.87	47.75	69.62	91.50	222.75
† Lamoni	22.07	39.65	55.72	71.80	157.00
Le Claire	23.12	46.99	52.94	71.70	137.39
Le Claire	25.62	51.99	56.94	80.44	213.47
Le Mars	28.61	50.99	64.89	86.98	172.64
Manchester	23.78	40.60	55.45	70.30	128.94
Manchester	31.23	54.73	75.75	96.78	122.28
Maquoketa	23.78	40.60	55.45	70.30	128.94
† Maquoketa	22.50	39.60	54.60	69.10	140.50
Maquoketa	31.23	54.73	75.75	96.78	122.28
† Maquoketa	22.75	42.90	62.10	81.10	192.50
Marion	23.78	40.60	55.45	70.30	128.94
Marion	31.23	54.73	75.75	95.78	122.28
Marshalltown	23.78	40.60	55.45	70.30	128.94
Marshalltown	31.23	54.73	75.75	96.78	122.28
Mason City	19.75	36.60	49.47	65.36	137.61
Missouri Valley	24.23	44.45	64.68	84.90	154.80
Missouri Valley	25.87	47.75	69.62	91.50	222.75
Monticello	23.78	40.60	55.45	70.30	128.94
Monticello	31.23	54.73	75.75	96.78	122.28
† Mount Pleasant	25.74	41.36	56.98	71.05	153.06
Mount Vernon	23.78	40.60	55.45	70.30	128.94
Mount Vernon	31.23	54.73	75.75	96.78	122.28
† Muscatine	14.08	25.90	32.61	42.72	99.51
Nevada	23.78	40.60	55.45	70.30	128.94
Nevada	31.23	54.73	75.75	96.78	122.28
† New Hampton	17.96	33.10	47.55	61.99	144.46
Newton	19.10	33.96	44.61	59.47	143.22
Newton	19.19	34.53	45.00	60.32	150.00
Norwalk	24.23	44.45	64.68	84.90	154.80
Norwalk	25.87	47.75	69.62	91.50	222.75
Oelwein	21.60	39.76	52.43	69.76	142.05
Onawa	17.25	34.50	45.25	56.00	107.00
Onawa	17.25	34.50	45.25	56.00	113.00
Orange City	15.85	29.10	40.85	52.60	120.50
Osage	14.77	27.57	40.13	51.70	114.78
Osceola	19.10	33.96	44.61	59.47	143.22
Osceola	19.19	34.53	45.00	60.32	150.00
Oskaloosa	24.23	44.45	64.68	84.90	154.80
Oskaloosa	25.87	47.75	69.62	91.50	222.75
Ottumwa	19.10	33.96	44.61	59.47	143.22
Ottumwa	19.19	34.53	45.00	60.32	150.00
Pella	18.20	33.98	43.28	58.48	145.94
Perry	23.78	40.60	55.45	70.30	128.94
Perry	31.23	54.73	75.75	96.78	122.28
Pleasant Hill	24.23	44.45	64.68	84.90	154.80
Pleasant Hill	25.87	47.75	69.62	91.50	222.75
Red Oak	24.23	44.45	64.68	84.90	154.80
Red Oak	25.87	47.75	69.62	91.50	222.75
Rock Rapids	14.25	23.50	32.75	42.00	97.50
Rock Valley	28.61	50.99	64.89	86.98	172.64
Sac City	28.61	50.99	64.89	86.98	172.64
Sheldon	28.61	50.99	64.89	86.98	172.64
Shenandoah	24.23	44.45	64.68	84.90	154.80
Shenandoah	25.87	47.75	69.62	91.50	222.75
† Sibley	15.40	27.65	39.55	51.80	123.05
† Sioux Center	15.37	26.89	38.42	49.94	119.09
Sioux City	29.18	52.00	66.19	88.72	176.09
† Spencer	14.00	24.00	34.00	44.00	89.00
Spirit Lake	23.78	40.60	55.45	70.30	128.94
Spirit Lake	31.23	54.73	75.75	96.78	122.28
Storm Lake	28.61	50.99	64.89	86.98	172.64
† Story City	20.40	37.33	51.45	65.60	150.50
† Story City	20.40	37.33	52.70	68.10	160.50
Tama	23.78	40.60	55.45	70.30	128.94
Tama	31.23	54.73	75.75	96.78	122.28
† Tipton	23.27	43.22	62.65	82.07	192.92
† Tipton	23.27	43.55	63.94	84.11	201.26
Urbandale	24.23	44.45	64.68	84.90	154.80
Urbandale	25.87	47.75	69.62	91.50	222.75
† Vinton	17.24	30.46	43.34	56.21	128.96
Washington	19.10	33.96	44.61	59.47	143.22
Washington	19.19	34.53	45.00	60.32	150.00
Waterloo	28.61	50.99	64.89	86.98	172.64
Waukon	21.60	39.76	52.43	69.76	142.05
† Waverly	21.19	39.52	56.95	74.37	157.30
† Waverly	21.19	39.52	56.95	74.37	160.95
† Webster City	19.06	34.57	49.68	64.78	146.11
West Burlington	19.10	33.96	44.61	49.47	143.22
West Burlington	19.19	34.53	45.00	60.32	150.00
West Des Moines	24.23	44.45	64.68	84.90	154.80
West Des Moines	25.87	47.75	69.62	91.50	222.75
West Liberty	17.72	31.44	41.91	52.38	115.18
West Liberty	25.22	46.44	58.41	70.38	142.18
West Union	21.60	39.76	52.43	69.76	142.05
Wilton	21.07	39.14	53.71	68.28	155.70
Windsor Heights	24.23	44.45	64.68	84.90	154.80
Windsor Heights	25.87	47.75	69.62	91.50	222.75
† Winterset	20.25	37.50	54.75	72.00	172.50

*When a community is listed twice, the top is the winter rate, the bottom is the summer rate

† = Served by publicly owned utility   *Source: Energy Information Administration, U.S. Department of Energy*

Natural Gas



Natural gas use in Iowa:

	Residential			Commercial			Industrial			Total		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
Customers (000)	675.7	678.4	679.6	80.7	81.1	81.0	1.9	1.9	1.7	758.5	761.6	762.6
Sales (Trillion BTU)	85.7	77.7	80.2	53.2	48.0	49.9	92.1	87.8	93.2	231.2	213.6	225.5
Revenues ($000,000)	397.9	423.0	438.2	227.6	239.3	249.0	339.8	352.7	367.1	966.3	1016.3	1062.9
Average Monthly Revenues Per Customer	$49.06	$51.96	$53.74	$235.03	$245.89	$256.14	$14,903.51	$15,469.30	$17,995.29	$106.16	$111.20	$116.15

Source: Gas Facts, American Gas Association, Arlington, Virginia, 1984.

Electric utility industry

	1975		1980		1983		1984		1985	
	Revenues ($000)	Energy Sales (Millions of Kilowatt hours)	Revenues ($000)	Energy Sales (Millions of Kilowatt hours)	Revenues ($000)	Enery Sales (Millions of Kilowatt hours)	Revenues ($000)	Energy Sales (Millions of Kilowatt hours)	Revenues ($000)	Energy Sales (Millions of Kilowatt hours)
Residential	$268,653	8,226	$ 481,302	9,913	$ 699,499	10,377	$ 736,993	9,858	$ 754,819	9,823
Commercial/Industrial	288,457	11,282	268,777/294,644	5,375/9,040	371,874/389,485	5,523/9,060	412,995/446,116	5,607/9,566	400,141/446,474	5,450/9,567
Street and Highway Lighting	8,542	208	13,489	214	19,061	225	20,553	224	18,896	194
Other Public	7,411	301	14,087	360	21,556	395	24,070	391	32,184	523
Interdepartmental	502	31	790	36	30	1	29	1	57	1
Iowa Total			$1,073,089	24,938	$1,501,445	25,580	$1,640,698	25,646	$1,652,572	25,558

Source: Statistical Yearbook of the Eletric Utility Industry 1985 Edison Electric institute, Washington, D.C

Finance

Bank deposits and loans (millions)

	1970	1975	1980	1983	1984	1985	1986
Total Gross Loans and Federal Funds Sold							
Illinois	$22,023	$ 43,015	$ 84,317	$ 84,220	$ 82,637	$ 84,257	$ 89,697
IOWA	53,848	7,437	13,136	14,007	14,953	15,325	14,868
Kansas	2,835	5,490	9,661	11,979	12,837	13,838	14,022
Minnesota	5,629	10,127	18,699	24,490	29,011	30,656	32,237
Missouri	6,909	11,304	20,442	23,723	17,197	21,786	32,682
Nebraska	2,166	4,103	7,190	8,672	8,599	9,263	9,069
South Dakota	923	1,828	3,172	7,560	10,548	13,125	15,064
Wisconsin	6,869	10,207	16,708	18,954	20,802	23,097	24,571
Total Midwest	$51,202	$ 93,511	$173,325	$193,605	$196,584	$211,347	$232,210
Total Assets							
Illinois	$34,548	$ 59,446	$109,218	$ 98,611	$131,470	$136,708	$147,913
IOWA	6,634	11,799	18,492	23,127	27,326	28,675	30,108
Kansas	5,017	8,791	14,077	18,035	21,958	23,498	24,571
Minnesota	9,139	14,739	25,485	31,240	44,728	48,654	53,811
Missouri	11,456	17,260	27,388	34,466	29,625	36,557	52,369
Nebraska	3,606	6,251	9,583	12,344	14,251	15,826	16,645
South Dakota	1,571	2,914	4,535	7,886	13,158	16,009	18,215
Wisconsin	9,682	15,008	22,058	27,049	33,508	36,702	40,355
Total Midwest	$81,653	$136,208	$230,836	$252,758	$316,024	$342,629	$383,987

Source: Iowa Department of Banking, F.D.I.C. Database

Mortgage loans outstanding at Savings and Loan Associations (millions)

	1970	1975	1980	1983	1984	1985	1986
Illinois	$11,696	$20,388	$36,863	$32,596	$41,112	$43,793	$46,549
IOWA	1,691	3,494	5,939	5,948	5,992	5,993	5,554
Kansas	1,884	3,631	6,233	6,937	8,105	12,619	13,214
Minnesota	2,907	5,179	8,456	6,574	7,011	7,090	6,647
Missouri	3,799	7,288	12,675	12,617	13,385	13,223	12,369
Nebraska	1,037	2,425	4,498	4,921	5,468	6,549	6,619
South Dakota	212	454	857	837	856	819	765
Wisconsin	3,147	6,091	10,585	9,937	11,068	11,187	11,475

Source: Federal Home Loan Banks of Chicago, Des Moines and Topeka

Insured commercial banks

	1970	1980	1982	1983	1984
Total assets	$7,455	$21,734	$25,468	$26,913	$27,794
Demand deposits	3,124	5,000	3,864	3,726	3,831
Time deposits	3,510	13,476	17,609	19,400	20,202
Total deposits	6,634	18,475	21,473	23,126	24,033

Source: U.S. Department of Commerce, Statistical Abstract of the U.S., 1970-1987.

Savings and loan associations

	1970	1980	1982	1983	1984
Number of associations	83	74	63	60	52
Total assets	$1,966	$7,169	$7,671	$8,265	$9,121
Mortage loans	1,691	5,927	5,689	5,841	6,880
Deposits	1,691	6,078	6,156	6,899	7,745

Source: U.S. Department of Commerce, Statistical Abstract of the U.S., 1970-1987.

Chattel or small loan companies

	1970	1982	1983	1984	1985
Number of offices	358	171	173	168	162
Number of accounts	107,991	37,285	31,189	38,130	57,456
Loans made during year ($000)	53,724	25,981	30,616,994	41,229,762	71,918,094
Loans charged off during year ($000)	1,783	1,791	1,342,944	1,133,905	1,730,501
Total gross loans ($000)	47,974	33,422	31,521,632	31,498,228	62,685,022

Source: State of Iowa, Annual Report of the Superintendent of Banking.

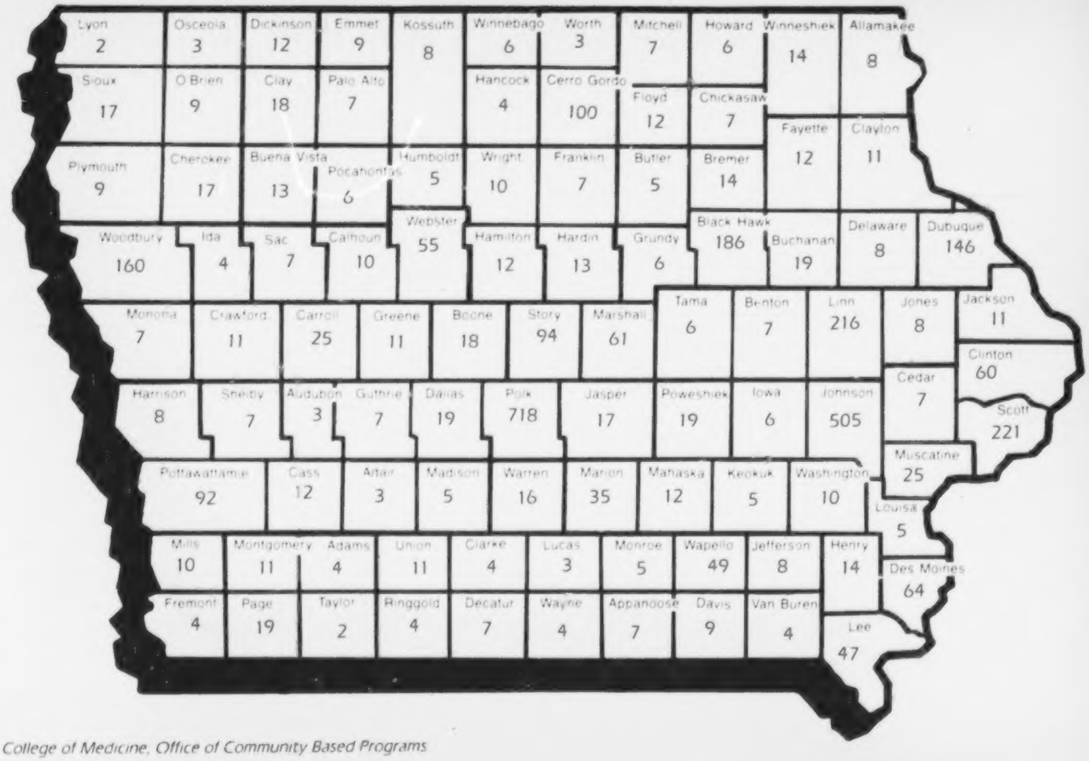
Chartered credit unions

	1970	1980	1982	1983	1984	1985
Number (after January 1)	426	381	348	337	320	300
Total assets ($000)	205,599	660,560	842,439	948,638	1,019,138	1,168,397
Loans ($000)	150,265	479,044	483,817	553,053	652,176	668,047
Shares and deposits ($000)	181,093	591,158	750,489	860,592	918,390	1,046,413

Source: State of Iowa, Annual Report of the Credit Union Department.

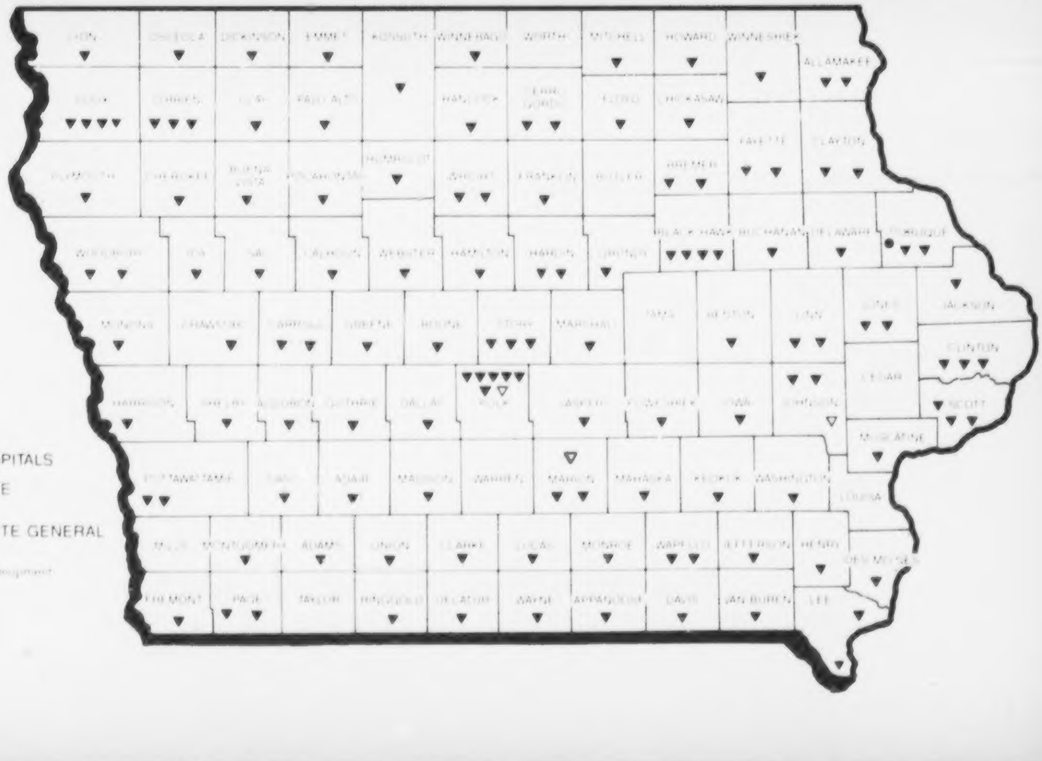
Health

Number of practicing physicians (M.D. and D.O.), 1986



Source: University of Iowa, College of Medicine, Office of Community Based Programs

Hospitals



▼ ACUTE CARE GENERAL HOSPITALS

• SATELLITE CAMPUS OF ACUTE GENERAL HOSPITAL

▽ VETERANS HOSPITALS—ACUTE GENERAL

Source: Iowa State Department of Health
Office for Health Planning & Development

Causes of death

	Occurence	
	Number	Rate per 100,000 pop.
Tuberculosis, All Forms	10	0.3
Tuberculosis of Respiratory System	9	0.3
Other Tuberculosis	1	-
Syphilis	-	-
Other Infective and Parasitic Diseases	237	8.2
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	6,070	210.5
Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	101	3.5
Malignant Neoplasms of Digestive Organs and Peritoneum	1,691	58.6
Malignant Neoplasms of Respiratory and Intrathoracic Organs	1,536	53.3
Malignant Neoplasms of Breast	537	18.6
Malignant Neoplasms of Genital Organs	750	26.0
Malignant Neoplasms of Urinary Organs	266	9.2
Malignant Neoplasms of All Other and Unspecified Sites	568	19.7
Leukemia	261	9.0
Other Neoplasms of Lymphatic and Hematopoietic Tissues	360	12.5
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	64	2.2
Diabetes Mellitus	460	16.0
Anemias	43	1.5
Meningitis	7	0.2
Major Cardiovascular Diseases	13,764	477.3
Diseases of Heart	10,532	365.2
Rheumatic Fever and Rheumatic Heart Disease	79	2.7
Hypertensive Heart Disease	215	7.5
Hypertensive Heart and Renal Disease	55	1.9
Ischemic Heart Disease	7,561	262.2
Acute Myocardial Infarction	4,176	144.8
Other Acute and Subacute Forms of Ischemic Heart Disease	18	0.6
Angina Pectoris	11	0.4
Old Myocardial Infarctiona and Other Forms of Chronic Ischemic Heart Disease	3,356	116.4
Other Diseases of the Endocardium	131	4.5
All Other Forms of Heart Disease	2,491	86.4
Hypertension With or Without Renal Disease	129	4.5
Cerebrovascular Diseases	2,278	79.0
Intracerebral and Other Intracranial Hemorrhage	209	7.2
Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	321	11.1
Cerebral Embolism	13	0.5
All Other and Late Effects of Cerebrovascular Diseases	1,735	60.2
Arteriosclerosis	523	18.1
Other Diseases of Arteries, Arterioles, and Capillaries	302	10.5
Acute Bronchitis and Bronchiolitis	5	0.2
Pneumonia	1,091	37.8
Influenza	71	2.5
Bronchitis, Chronic and Unspecified	44	1.5
Emphysema	187	6.5
Asthma	51	1.8
Ulcer of the Stomach and Duodenum	104	3.6
Chronic Liver Disease and Cirrhosis	204	7.1
Cholelithiasis and Other Disorders of the Gallbladder	37	1.3
Nephritis, Nephrotic Syndrome, and Nephrosis	207	7.2
Acute Glomerulonephritis and Nephrotic Syndrome	5	0.2
Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	16	0.6
Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	186	6.4
Infections of Kidney	41	1.4
Hyperplasis of Prostate	10	0.3
Complications of Pregnancy, Childbirth, and the Puerperium	1	0.2
Congenital Anomalies	140	4.9
Certain conditions Originating in the Perinatal Period	157	5.4
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	32	1.1
Other Conditions Originating in the Perinatal Period	125	4.3
Symptoms, Signs, and Ill-Defined Conditions	154	5.3
All Other Diseases	2,792	96.8
Accidents and Adverse Effects	1,042	36.1
Motor Vehicle Accidents	478	16.6
All Other Accidents and Adverse Effects	564	19.6
Suicides	337	11.7
Homicide and Legal Intervention	57	2.0
Other External Causes	26	0.9

Source: Vital Statistics of Iowa 1985, Table 4, Iowa State Department of Health

Cases of specified notifiable diseases, 1984

Disease	Number of Reported Cases
AIDS	2
Amebiasis	68
Aseptic Meningitis	67
Encephalitis	32
Gonorrhea	4,603
Hepatitis A	60
Hepatitis B	108
Hepatitis non-A non-B	20
Hepatitis unspecified	10
Legionellosis	4
Malaria	2
Meningococcal infections	22
Mumps	26
Pertussis	15
Rabies	152
Rubella	1
Salmonellosis	247
Shigellosis	98
Syphilis	79
Tentanus	1
Toxic shock syndrome	13
Tuberculosis	68

Source: Morbidity and Mortality Weekly Report, Annual Summary 1984, March 1986.

Registered hospitals, 1984

State	Hospitals	Number of Beds	Total Admissions	Occupancy Rate	Average Length of Stay[1]	Adjusted Expenses Per In-Patient Day[1]
United States	6,872	1,338,741	37,938,011	72.5	7.3	$411.10
IOWA	140	19,449	479,198	64.2	7.6	340.36
Illinois	277	69,403	1,930,808	70.1	7.6	454.21
Kansas	164	17,606	393,289	62.5	7.3	381.81
Minnesota	180	28,088	633,207	69.0	8.9	335.72
Missouri	169	33,477	939,731	69.7	7.5	406.46
Nebraska	110	11,864	303,176	65.9	8.5	301.67
Indiana	133	31,373	894,505	71.4	7.1	379.28
Ohio	234	61,399	1,812,839	70.6	7.3	428.42
South Dakota	68	5,813	141,053	63.5	8.6	267.45
Wisconsin	161	28,188	744,053	68.3	7.8	358.26

[1] Community hospitals only.

Source: Hospital Statistics, 1985 Table 5C, American Hospital Association

Licensed medical professionals[1]

	1980	1983	1984	1985	1986
Chiropractors	1,067	1,116	1,123	1,200	1,100
Dentists	2,543	2,356	2,460	3,725	2,345
Dental Hygienists	930	834	1,091	1,709	1,024
LPN's[2]	6,696	11,395	11,252	10,983	10,377
MD's	7,045	7,594	8,080	8,253	8,292
Optometrists[2]	509	571	575	566	518
Osteopathic Physicians	293	182	159	154	122
Osteopathic Physicians and Surgeons	673	780	855	875	904
Pharmacists[2]	*	*	*	4,027	3,811
Physical Therapists[2]	667	645	778	661	626
Physician's Assistants	*	*	*	*	150
Podiatrists[2]	150	144	154	148	114
RN's[2]	26,580	29,749	30,240	29,974	30,423

[1] Estimated as of December, 1986.

[2] Total active license holders.

Sources: *Iowa Board of Nursing, Iowa Department of Health,*
Iowa Board of Pharmacy, Iowa Board of Dental Examiners,
Iowa Board of Medical Examiners.

Housing units, 1980

Unit	All Housing Units	Total Year-Round Housing Units	Owner Occupied Housing Number	Owner-Median Value (Dollars)
Iowa	1,121,314	1,053,033	756,517	40,600
Urban	669,820	634,153	432,103	42,600
Rural	451,494	418,880	324,414	35,100
Inside SMSA's	442,907	420,658	288,607	46,500
In Central Cities	266,477	264,634	172,148	44,500
Not in Central Cities	95,433	93,322	65,700	51,300
Outside SMSA's	678,407	632,375	467,910	35,900
Standard Metropolitan Statistical Areas				
Cedar Rapids	64,778	61,700	44,025	46,600
Davenport-Rock Island-Moline, Iowa-Ill.	144,928	138,256	95,961	48,300
Des Moines	134,313	126,330	85,918	48,500
Dubuque	31,506	30,021	21,655	48,600
Iowa City	31,583	30,220	16,335	58,400
Omaha, Neb.-Iowa	215,747	203,235	131,667	39,500
Sioux City	45,151	42,348	30,058	35,900
Waterloo	50,290	48,205	34,441	46,400
Places of 2,500 Inhabitants or More				
Adel	1,208	1,077	842	46,600
Albia	1,900	1,778	1,269	28,100
Algona	2,512	2,382	1,703	44,900
Altoona	1,964	1,872	1,361	56,300
Ames	14,809	14,015	6,573	62,000
Anamosa	1,654	1,559	1,082	38,800
Ankeny	5,611	5,258	3,308	60,000
Atlantic	3,353	3,141	2,232	37,700
Audubon	1,230	1,165	946	36,100
Belle Plaine	1,303	1,222	919	24,700
Belmond	1,060	1,015	753	40,100
Bettendorf	9,668	9,333	6,927	60,700
Bloomfield	2,849	1,201	861	32,800
Boone	5,316	5,005	3,580	37,200
Burlington	12,090	11,325	7,979	35,000
Camanche	1,654	1,603	1,279	44,900
Carlisle	1,092	1,040	832	52,000
Carroll	3,545	3,398	2,442	46,500
Carter Lake	1,127	1,074	949	27,000
Cedar Falls	12,189	11,712	7,890	54,500
Cedar Rapids	43,532	41,662	28,357	45,400
Centerville	2,945	2,708	1,809	24,100
Chariton	2,345	2,169	1,542	30,300
Charles City	3,576	3,401	2,538	36,500
Cherokee	2,863	2,689	1,823	34,800
Clarinda	2,285	2,094	1,432	33,600
Clear Lake	3,731	2,949	2,128	47,100
Clinton	12,895	12,261	8,722	36,600
Clive	2,342	2,195	1,229	85,700
Coralville	3,672	3,491	1,161	56,200
Council Bluffs	21,949	20,872	14,233	30,100
Cresco	1,646	1,576	1,240	32,400
Creston	3,642	3,403	2,473	30,900
Davenport	40,294	38,024	23,684	47,900
Decorah	2,653	2,558	1,602	45,000
Denison	2,568	2,429	1,749	43,200
Des Moines	79,913	75,249	48,432	41,700
De Witt	1,789	1,707	1,226	48,600
Dubuque	22,160	21,107	14,132	47,500
Dyersville	1,334	1,295	1,057	47,000
Eagle Grove	1,736	1,614	1,183	32,900
Eldora	1,340	1,239	932	36,400
Eldridge	1,034	976	697	62,300
Emmetsburg	1,805	1,665	1,216	36,200
Estherville	3,075	2,854	2,112	36,300
Evansdale	1,669	1,622	1,328	36,800
Fairfield	3,455	3,311	2,313	35,000
Forest City	1,694	1,538	1,143	38,400
Fort Dodge	11,636	11,120	7,410	40,700
Fort Madison	5,328	5,043	3,536	33,600
Garner	1,063	1,015	848	42,600
Glenwood	1,759	1,662	1,153	38,700
Grinnell	3,279	3,119	2,067	43,600
Grundy Center	1,185	1,134	913	42,600
Hampton	2,016	1,854	1,349	37,100
Harlan	2,212	2,075	1,542	38,100
Hawarden	1,120	1,053	814	31,100
Hiawatha	1,989	1,895	1,249	50,500
Humboldt	2,024	1,904	1,408	44,200
Independence	2,463	2,354	1,726	38,000
Indianola	4,104	3,880	2,579	51,700
Iowa City	19,235	18,594	8,773	58,600
Iowa Falls	2,444	2,318	1,639	38,500
Jefferson	2,024	1,921	1,502	37,100
Johnston	1,013	857	647	60,400
Keokuk	5,667	5,224	3,674	28,300
Knoxville	3,141	2,977	2,126	36,800
Lamoni	850	779	529	32,800
LeClaire	1,035	994	791	48,100
LeMars	3,095	2,961	2,045	45,100
Manchester	2,045	1,942	1,424	39,900
Maquoketa	2,655	2,504	1,751	40,100
Marion	7,194	6,863	5,215	49,500
Marshalltown	10,771	10,244	7,083	41,700
Mason City	12,617	11,884	8,293	39,300
Missouri Valley	1,321	1,232	865	27,400
Monticello	1,492	1,425	1,077	39,700
Mount Pleasant	2,823	2,611	1,816	41,800
Mount Vernon	1,006	937	668	46,000
Muscatine	8,975	8,517	6,050	42,300
Nevada	2,402	2,230	1,651	45,900
New Hampton	1,588	1,511	1,136	44,100
Newton	6,471	6,143	4,340	37,900
Norwalk	861	835	649	51,900
Oelwein	3,069	2,890	2,268	34,700
Onawa	1,396	1,315	1,008	30,200
Orange City	1,529	1,456	1,153	46,500
Osage	1,610	1,527	1,206	34,300
Osceola	1,806	1,657	1,199	30,600
Oskaloosa	4,777	4,458	3,011	32,300
Ottumwa	11,459	10,914	8,269	26,000
Pella	3,070	2,919	2,041	48,300
Perry	2,980	2,764	1,929	34,300
Pleasant Hill	1,182	1,088	921	58,100
Red Oak	3,021	2,819	2,019	34,500
Rock Rapids	1,182	1,099	841	36,900
Rock Valley	994	949	755	38,000
Sac City	1,284	1,212	888	32,400
Sheldon	5,003	1,846	1,370	39,100
Shenandoah	2,834	2,616	1,681	30,200
Sibley	1,234	1,171	932	34,500
Sioux Center	1,470	1,420	1,071	47,800
Sioux City	32,007	30,098	21,139	35,800
Spencer	4,803	4,550	3,043	45,000
Spirit Lake	1,717	1,537	1,103	43,700
Storm Lake	3,363	3,243	2,221	43,400
Story City	1,137	1,074	771	48,000
Tama	1,194	1,119	861	28,200
Tipton	1,317	1,255	900	41,700
Urbandale	6,904	6,412	4,420	68,600
Vinton	2,157	1,991	1,472	36,200
Washington	2,772	2,618	1,908	36,200
Waterloo	29,545	28,349	19,847	43,700
Waukon	1,654	1,558	1,180	34,800
Waverly	2,985	2,895	2,055	50,400
Webster City	3,433	3,243	2,392	40,300
West Burlington	1,466	1,409	988	38,800
West Des Moines	8,927	8,312	5,410	66,100
West Liberty	1,042	990	726	42,800
West Union	1,118	1,074	821	36,000
Wilton	963	910	660	47,300
Windsor Heights	2,217	2,159	1,709	69,000
Winterset	1,732	1,638	1,173	36,300

Source. General Housing Characteristics, 1980 Census of Housing, Bureau of the Census

Median value of housing units, 1980

State	Total Housing Units	Owner Occupied			Renter Occupied		
		Total	Median Value (Dollars)	Vacancy Rate	Total	Median Contract Rent (Dollars)	Vacancy Rate
Illinois	4,316,973	2,531,697	52,800	1.8	1,511,047	201	6.9
Indiana	2,091,725	1,381,969	37,200	1.6	545,009	166	8.5
IOWA	1,121,314	756,517	40,600	1.6	296,466	175	7.3
Kansas	954,906	612,435	37,800	2.3	259,804	168	9.2
Minnesota	1,613,342	1,036,029	53,100	1.5	409,587	212	5.8
Missouri	1,989,259	1,249,034	36,700	2.0	544,686	153	9.0
Nebraska	624,829	390,931	38,000	2.0	180,469	170	7.9
North Dakota	258,772	156,498	43,900	2.6	71,166	175	8.9
Ohio	4,107,983	2,622,880	44,900	1.5	1,210,826	167	7.7
South Dakota	276,997	168,002	36,600	2.1	74,521	148	10.1
Wisconsin	1,863,981	1,127,419	48,600	1.3	524,935	185	5.0

Source: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing, "Selected Housing Characteristics, by States and Counties."

Housing units by county

Counties	Total Housing Units	Occupied Housing Units			
		Owner Occupied		Renter Occupied	
		Total	Median Value (Dollars)	Total	Median Contract Rent (Dollars)
Iowa	1,121,314	756,517	40,600	296,466	175
Adair	3,963	2,753	27,800	862	104
Adams	2,478	1,703	23,500	513	104
Allamakee	6,578	4,011	32,900	1,204	119
Appanoose	6,706	4,565	21,200	1,446	112
Audubon	3,524	2,458	31,100	734	109
Benton	9,090	6,523	34,700	2,038	147
Black Hawk	50,290	34,441	46,400	13,764	205
Boone	10,427	7,208	37,700	2,523	155
Bremer	8,811	6,585	46,900	1,869	161
Buchanan	8,222	5,982	37,000	1,690	146
Buena Vista	8,198	5,461	38,900	2,212	138
Butler	6,779	5,037	34,900	1,319	124
Calhoun	5,782	3,766	29,500	1,347	123
Carroll	8,379	5,816	38,900	2,053	156
Cass	7,025	4,748	31,600	1,776	123
Cedar	7,312	4,918	42,000	1,853	152
Cerro Gordo	20,931	13,391	40,600	5,303	168
Cherokee	6,475	4,261	34,100	1,738	122
Chickasaw	5,701	4,244	39,300	1,115	137
Clarke	3,715	2,554	28,900	802	140
Clay	8,043	5,093	42,000	2,284	166
Clayton	8,557	5,673	32,300	1,814	119
Clinton	21,370	14,970	39,100	5,375	182
Crawford	7,094	4,982	34,800	1,679	151
Dallas	11,555	8,077	42,700	2,611	155
Davis	3,579	2,564	28,400	714	116
Decatur	3,974	2,565	21,100	893	103
Delaware	6,542	4,839	37,700	1,330	130
Des Moines	18,567	12,746	37,500	4,604	157
Dickinson	10,187	4,604	43,800	1,429	154
Dubuque	31,506	21,655	48,600	8,366	176
Emmet	5,268	3,556	35,100	1,288	150
Fayette	9,721	7,112	32,400	1,981	126
Floyd	7,587	5,485	36,700	1,599	137
Franklin	5,421	3,632	35,000	1,378	151
Fremont	4,016	2,568	25,100	1,020	109
Greene	5,020	3,385	29,300	1,297	120
Grundy	5,480	3,934	42,000	1,294	151
Guthrie	5,287	3,458	26,600	1,114	108
Hamilton	7,144	4,834	37,600	1,789	148
Hancock	5,410	3,766	36,100	1,236	142
Hardin	8,799	6,023	35,000	2,138	147
Harrison	6,357	4,406	26,800	1,551	108
Henry	7,241	5,120	37,300	1,587	149
Howard	4,271	3,159	29,300	853	109
Humboldt	5,017	3,411	37,400	1,209	146
Ida	3,634	2,436	30,300	933	109
Iowa	5,872	4,253	35,200	1,345	148
Jackson	8,564	5,784	38,600	1,848	134
Jasper	14,447	10,140	37,700	3,424	152
Jefferson	6,034	4,239	33,300	1,477	136
Johnson	31,583	16,335	58,400	13,885	212
Jones	7,349	5,234	35,600	1,697	128
Keokuk	5,398	3,899	21,500	985	108
Kossuth	8,243	5,639	37,600	2,167	136
Lee	16,684	11,673	33,800	3,945	158
Linn	64,778	44,025	46,600	17,745	208
Louisa	4,828	3,274	35,700	944	140
Lucas	4,503	3,085	28,200	960	109
Lyon	4,776	3,385	32,700	1,103	108
Madison	4,967	3,494	36,000	1,081	123
Mahaska	9,151	6,085	32,400	2,362	151
Marion	11,021	7,743	39,600	2,579	165
Marshall	16,338	11,005	40,500	4,405	177
Mills	4,832	3,422	35,300	1,115	146
Mitchell	4,735	3,547	31,900	885	119
Monona	4,877	3,321	25,800	1,147	101
Monroe	3,822	2,719	26,700	791	116
Montgomery	5,800	3,851	30,900	1,419	128
Muscatine	15,245	10,449	43,400	3,765	178
O Brien	6,659	4,770	34,400	1,484	121
Osceola	3,266	2,299	29,700	751	126
Page	8,073	5,041	30,000	2,276	119
Palo Alto	5,244	3,352	31,700	1,272	138
Plymouth	8,860	6,203	40,900	2,222	145
Pocahontas	4,661	3,086	29,200	1,184	118
Polk	122,136	76,856	48,100	37,961	229
Pottawattamie	32,395	22,197	32,300	8,584	170
Poweskiek	8,075	4,886	37,300	1,979	153
Ringgold	2,975	1,871	20,100	538	105
Sac	6,073	3,918	30,200	1,435	110
Scott	59,764	38,028	51,700	18,649	226
Shelby	5,611	3,831	33,800	1,387	118
Sioux	10,414	7,788	40,000	2,127	123
Story	25,154	13,812	55,100	9,853	208
Tama	7,716	5,423	32,400	1,663	124
Taylor	3,682	2,505	21,200	779	100
Union	5,748	3,973	28,400	1,341	130
Van Buren	3,484	2,570	19,600	625	100
Wapello	16,350	12,039	25,900	3,397	151
Warren	12,177	9,062	51,300	2,451	185
Washington	7,693	5,400	37,000	1,813	145
Wayne	3,852	2,585	19,900	730	100
Webster	17,799	11,855	39,500	5,031	162
Winnebago	5,251	3,623	36,200	1,222	129
Winneshiek	7,420	5,160	38,800	1,903	144
Woodbury	39,022	25,993	35,600	10,639	170
Worth	3,724	2,686	33,300	766	119
Wright	6,945	4,490	34,500	1,735	126

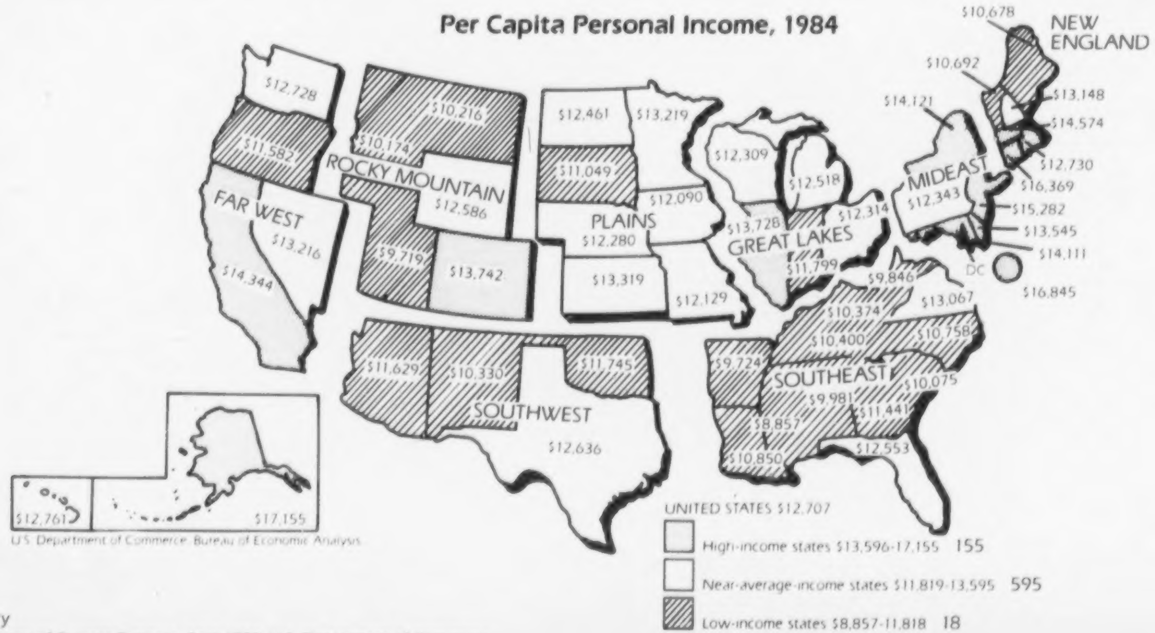
Source: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing, "Selected Housing Characteristics, by States and Counties."

Per capita personal income

	1970	1975	1980	1982[r]	1983[r]	1984[r]	1985[p]
Illinois	$4,507	$6,735	$10,448	$11,973	$12,402	$13,705	$14,397
Indiana	3,772	5,609	8,970	10,067	10,474	11,725	12,276
IOWA	3,751	5,894	9,211	10,568	10,589	12,123	12,779
Kansas	3,853	5,958	9,799	11,732	11,997	13,311	14,046
Minnesota	3,859	5,779	9,662	11,249	11,760	13,212	14,071
Missouri	3,781	5,476	8,856	10,437	11,004	12,075	12,784
Nebraska	3,789	5,882	8,887	10,766	10,922	12,572	13,699
Ohio	4,020	5,778	9,401	10,653	11,246	12,326	12,979
South Dakota	3,123	5,009	7,815	9,331	9,484	10,904	11,207
Wisconsin	3,812	5,616	9,361	10,764	11,239	12,378	12,883
U.S.	3,966	5,861	9,494	11,113	11,681	12,772	13,451

[r] Revised.
[p] Preliminary.
Source: Survey of Current Business, April 1986, U.S. Department of Commerce.

Per Capita Personal Income, 1984



[r] Revised
[p] Preliminary
Source: Survey of Current Business, April 1985, U.S. Department of Commerce.

Total personal income (billions)

	1970	1975	1980	1982[r]	1983[r]	1984[r]	1985[p]
Illinois	50.15	75.42	119.45	137.29	142.30	157.73	165.90
Indiana	19.62	29.80	49.24	55.19	57.32	64.47	67.58
IOWA	10.62	16.82	26.83	30.71	30.75	35.27	36.93
Kansas	8.67	13.58	23.20	28.25	29.10	32.45	34.39
Minnesota	14.72	22.66	39.45	46.49	48.74	54.98	58.97
Missouri	17.73	26.10	43.60	51.58	54.62	60.47	64.38
Nebraska	5.64	9.08	13.97	17.11	17.43	20.19	22.01
Ohio	42.87	62.03	101.54	114.76	120.74	132.53	139.61
South Dakota	2.09	3.41	5.39	6.48	6.63	7.70	7.95
Wisconsin	16.88	25.77	44.26	51.08	53.34	59.00	61.57

[r] Revised.
[p] Preliminary.
Source: Survey of Current Business, April 1986, U.S. Department of Commerce.

Personal income by source, 1985 (millions)

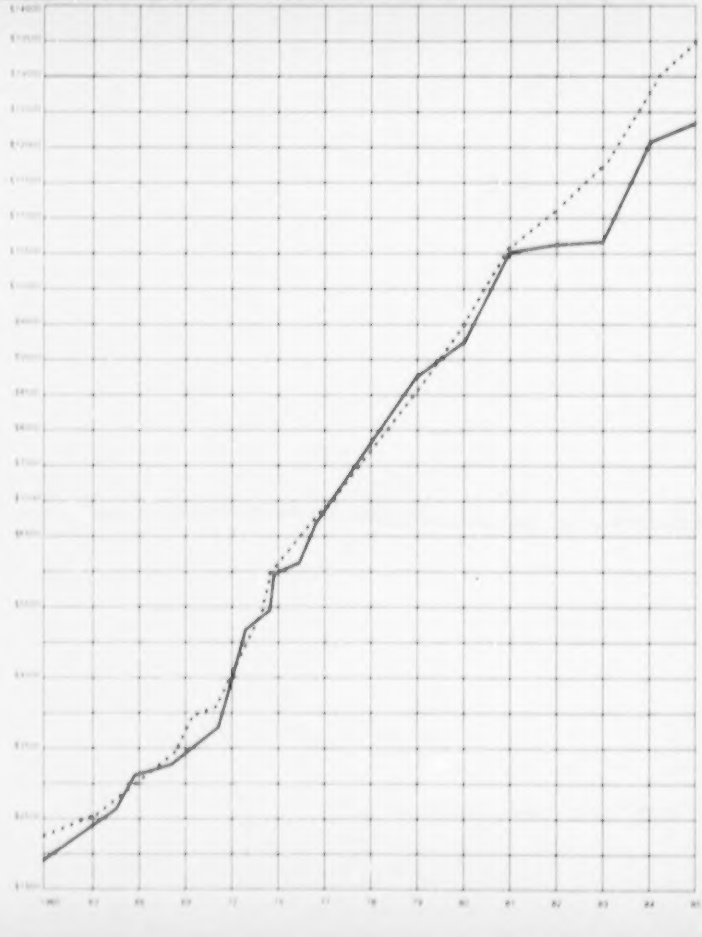
Income by place of work	**Illinois**	**Indiana**	**Iowa**	**Kansas**	**Minn.**	**Missouri**	**Nebraska**	**Ohio**	**S.D.**	**Wisconsin**
Total labor and proprietors income	124,198	49,897	24,482	23,521	44,133	49,523	15,659	104,046	5,340	44,099
By type										
Wages and salaries	100,642	40,650	17,751	18,042	35,707	39,753	11,162	86,245	3,638	35,605
Other labor income	10,253	4,515	1,808	1,811	3,603	4,044	1,045	9,207	336	3,735
Proprietors income	13,303	5,014	4,922	3,668	4,822	5,726	3,451	8,594	1,366	4,760
Farm	1,323	443	1,610	933	1,000	631	1,659	573	550	822
Nonfarm	11,981	4,820	3,313	2,734	3,822	5,095	1,792	8,020	816	3,938
By industry										
Farm	1,572	619	1,905	1,104	1,236	804	1,865	749	628	1,130
Nonfarm	122,626	49,278	22,576	22,417	42,897	48,719	13,794	103,29	4,712	42,970
Manufacturing	28,635	17,841	5,442	4,605	10,692	11,626	2,089	35,068	535	13,855
Mining	1,278	463	90	492	349	327	71	1,104	86	125
Construction	7,111	2,830	1,223	1,422	2,665	3,138	909	5,058	298	2,193
Wholesale trade	9,995	2,670	1,698	1,701	3,289	3,493	1,068	6,493	348	2,517
Retail trade	11,228	4,746	2,355	2,282	4,359	4,899	1,447	9,739	591	4,115
Finance insurance and real estate	10,080	2,302	1,459	1,289	2,863	2,963	1,046	5,012	304	2,373
Transportation and public utilities	9,842	3,603	1,728	2,098	3,386	4,776	1,605	6,578	449	2,833
Services	28,141	8,353	4,696	4,433	8,915	10,470	2,769	20,625	1,046	8,359
Government and government enterprises	15,885	6,313	3,678	3,982	6,184	6,837	2,688	13,282	1,011	6,373
Derivation of personal income by place of residence										
Total labor and proprietors income by place of work	124,198	49,897	24,482	23,521	44,133	49,523	15,659	104,046	5,340	44,099
Less: personal contribution for social insurance by place of work	8,059	3,065	1,525	1,466	3,094	3,115	1,014	7,060	345	2,846
Plus: adjustments for residence	-6	980	311	916	-238	-2,144	-326	-1,081	14	765
Equals: Net earnings by place of residence	116,133	47,813	23,268	22,970	40,800	44,265	14,318	95,905	5,009	42,019
Plus: Dividends, interest & rent	30,535	11,123	7,549	6,166	10,084	12,620	4,126	23,041	1,568	10,918
Plus: Transfer payments	23,331	9,507	5,498	4,619	8,184	9,720	2,878	23,164	1,327	9,878
Total personal income by place of residence	169,999	68,442	36,315	33,755	59,068	66,605	21,323	142,110	7,903	62,815

Source: Survey of Current Business, August 1986, Table 3. U.S. Department of Commerce.

U.S./Iowa per capita income

	IOWA	U.S.
1960	$ 1,983	$ 2,222
1965	2,754	2,785
1970	3,751	3,966
1971	3,865	4,195
1972	4,297	4,537
1973	5,168	4,980
1974	5,329	5,428
1975	5,867	5,852
1976	6,123	6,402
1977	6,984	6,971
1978	7,776	8,041
1979	8,689	8,651
1980	9,211	9,494
1981	10,504	10,544
1982[r]	10,568	11,113
1983[r]	10,589	11,681
1984[r]	12,123	12,772
1985[p]	12,779	13,451

IOWA ——
U.S. ……



[r] Revised.

[p] Preliminary.

Source: Survey of Current Business, April, 1986,
U.S. Department of Commerce, Bureau of Economic Analysis. Table 2.

Trend in state personal income by source (millions)

	1965	1970	1975	1980	1982	1983[r]	1984[r]	1985
Total labor & proprietors income	$7,522	$10,609	$12,429	$19,120	$20,208	$20,549	$23,727	$24,482
By Type								
Wage & salary disbursements	3,876	5,808	8,992	14,930	15,862	16,347	17,306	17,751
Other labor income	198	333	735	1,436	1,633	1,736	1,767	1,808
Proprietors income	1,884	2,114	2,702	2,754	2,712	2,467	4,654	4,922
Farm	1,133	1,287	1,601	904	932	-263	1,568	1,610
Nonfarm	751	827	1,101	1,849	1,780	2,730	3,086	3,313
By Industry								
Farm	N/A	N/A	1,777	N/A	1,301	37	1,863	1,905
Nonfarm	N/A	N/A	10,652	17,959	18,906	20,513	21,865	22,576
Manufacturing	1,233	1,791	3,044	1,161	5,141	5,146	5,475	5,442
Durables	N/A	1,019	(D)	5,253	3,163	3,106	3,406	3,376
Nondurables	N/A	773	(D)	3,382	1,978	2,039	2,069	2,066
Mining	19	26	50	1,871	41	80	94	90
Contract construction	229	367	733	50	957	1,102	1,232	1,223
Wholesale & retail trade	736	1,076	2,072	1,236	3,568	3,802	3,986	4,053
Wholesale trade	N/A	N/A	936	3,440	1,597	1,560	1,677	1,698
Retail trade	N/A	N/A	1,136	1,523	1,971	2,242	2,309	2,355
Finance, insurance & real estate	185	283	567	1,917	1,154	1,254	1,335	1,459
Transportation, communication & utilities	309	418	814	1,062	1,474	1,552	1,672	1,728
Services	409	653	1,518	1,357	3,417	3,996	4,363	4,696
Other industries	12	15	41	2,828	N/A	N/A	N/A	N/A
Government	678	1,098	1,711	2,661	3,066	3,339	3,487	3,678
Federal, civilian	139	213	262	388	436	469	493	520
Federal, military	17	18	33	42	44	54	59	63
State & local	523	867	1,417	2,231	2,585	2,817	2,936	3,095
Personal contributions for social insurance	154	331	637	1,080	1,272	1,282	1,392	1,525
Dividends, interest & rent	1,188	1,639	2,836	5,549	7,355	6,972	7,305	7,549
Transfer payments	542	1,047	2,037	3,465	4,450	5,109	5,171	5,498
Personal income by place of residence	N/A	N/A	16,783	28,193	30,949	31,572	35,092	36,315

[r] Revised. N/A = Not available. *Source: Survey of Current Business, August, 1986, U.S. Department of Commerce.*

Per capita income distribution

	Total Personal Income (Millions of Dollars)			Per Capita Personal Income (Dollars)				Total Personal Income (Millions of Dollars)			Per Capita Personal Income (Dollars)		
County	1981[r]	1982[r]	1983	1981[r]	1982[r]	1983	County	1981[r]	1982[r]	1983	1981[r]	1982[r]	1983
IOWA	$30,711	$30,748	$35,272	$10,568	$10,589	$12,123	Jasper	377	379	437	10,439	10,500	12,084
Adair	78	72	96	8,397	7,830	10,433	Jefferson	140	145	168	8,579	8,888	10,238
Adams	52	50	63	9,247	8,927	11,315	Johnson	871	926	1,020	10,418	10,958	12,017
Allamakee	123	116	151	8,197	7,721	9,948	Jones	178	177	211	8,766	8,684	10,299
Appanoose	125	129	141	8,242	3,591	9,443	Keokuk	123	125	153	9,714	9,964	12,097
Audubon	79	69	97	9,425	8,266	11,755	Kossuth	214	202	269	9,936	9,450	12,530
Benton	236	231	279	10,116	9,942	12,091	Lee	424	437	482	9,895	10,216	11,252
Black Hawk	1,523	1,509	1,591	11,029	10,984	11,607	Linn	1,998	2,032	2,192	11,837	12,036	12,928
Boone	269	265	307	10,356	10,197	11,809	Louisa	111	108	130	9,107	8,956	10,635
Bremer	256	259	289	10,294	10,415	11,700	Lucas	102	104	116	9,904	10,140	11,444
Buchanan	205	201	243	8,920	8,722	10,586	Lyon	115	103	141	9,024	8,005	11,059
Buena Vista	215	217	265	10,321	10,431	12,619	Madison	120	119	142	9,534	9,480	11,455
Butler	163	160	203	9,312	9,148	11,653	Mahaska	213	210	244	9,356	9,185	10,557
Calhoun	143	135	175	10,759	10,331	13,410	Marion	314	327	366	10,466	10,881	12,140
Carroll	250	237	284	11,000	10,397	12,365	Marshall	476	480	528	11,374	11,478	12,705
Cass	175	170	207	10,351	10,084	12,107	Mills	136	133	158	10,004	9,743	11,514
Cedar	193	185	234	10,436	9,928	12,464	Mitchell	114	108	142	9,448	9,035	11,865
Cerro Gordo	535	547	617	11,083	11,310	12,710	Monona	109	105	136	9,448	9,168	11,957
Chèrokee	156	153	186	9,785	9,612	11,815	Monroe	82	82	94	8,986	9,162	10,549
Chickasaw	140	139	176	9,176	9,126	11,619	Montgomery	139	138	163	10,527	10,435	12,273
Clarke	75	76	85	8,517	8,662	9,745	Muscatine	489	494	555	11,780	11,836	13,236
Clay	201	197	226	10,415	10,214	11,759	O'Brien	182	171	213	10,778	10,085	12,657
Clayton	185	181	227	8,826	8,610	10,683	Osceola	84	81	102	10,240	9,908	12,445
Clinton	599	591	656	10,565	10,485	11,749	Page	182	183	210	9,651	9,685	11,076
Crawford	183	181	223	9,593	9,391	11,517	Palo Alto	128	126	157	10,227	10,100	12,820
Dallas	325	331	382	11,063	11,164	12,845	Plymouth	233	217	274	9,525	8,863	11,148
Davis	68	69	81	7,373	7,457	8,782	Pocahontas	120	109	154	10,882	9,943	14,076
Decatur	69	70	82	7,269	7,518	8,775	Polk	3,886	4,050	4,415	12,700	13,136	14,170
Delaware	159	148	195	8,447	7,809	10,170	Pottawattamie	897	921	1,037	10,326	10,547	11,792
Des Moines	476	483	531	10,431	10,710	11,743	Poweshiek	202	201	242	10,617	10,637	12,817
Dickinson	163	163	196	10,422	10,435	12,492	Ringgold	50	48	57	8,246	8,106	9,777
Dubuque	918	939	1,031	9,915	10,229	11,243	Sac	143	132	168	10,376	9,724	12,417
Emmet	133	128	156	10,041	9,935	12,020	Scott	1,871	1,860	2,036	11,611	11,605	12,634
Fayette	222	213	268	8,817	8,545	10,805	Shelby	146	138	175	9,858	9,359	11,834
Floyd	185	178	216	9,586	9,284	11,304	Sioux	280	259	324	9,046	8,300	10,336
Franklin	126	115	160	9,835	9,046	12,664	Story	710	732	822	9,783	10,026	11,280
Fremont	96	98	122	10,391	10,608	13,180	Tama	196	182	231	10,157	9,521	12,090
Greene	130	125	156	10,934	10,521	13,345	Taylor	67	66	80	7,979	7,903	9,676
Grundy	153	138	177	10,818	9,824	12,775	Union	142	141	159	10,239	10,204	11,468
Guthrie	110	106	136	9,438	9,175	11,678	Van Buren	70	70	81	8,162	8,353	9,695
Hamilton	195	193	235	11,026	10,919	13,490	Wapello	390	397	432	9,846	10,036	10,927
Hancock	138	133	173	10,071	9,816	12,673	Warren	373	388	433	10,615	10,927	12,100
Hardin	236	221	277	10,938	10,301	12,809	Washington	225	217	260	11,221	10,843	12,968
Harrison	146	144	176	9,020	8,936	11,044	Wayne	73	73	85	8,986	9,108	10,697
Henry	183	185	213	9,812	9,825	11,356	Webster	486	469	531	10,766	10,627	12,124
Howard	93	89	119	8,500	8,184	10,919	Winnebago	136	135	174	10,741	10,674	13,521
Humboldt	138	133	163	11,449	11,067	13,517	Winneshiek	181	177	220	8,247	7,975	9,889
Ida	87	79	110	9,998	8,960	12,369	Woodbury	1,071	1,103	1,200	10,623	10,938	11,881
Iowa	159	158	199	10,403	10,418	13,094	Worth	83	79	107	9,315	8,876	11,979
Jackson	195	195	228	8,712	8,761	10,177	Wright	192	181	241	12,018	11,420	15,066

Source: Survey of Current Business, April, 1986, U.S. Department of Commerce

Personal and per capita income[1], MSAs

	Per Capita Personal Income					Total Personal Income[1] (millions)				
	1980	1981	1982[r]	1983[r]	1984	1980	1981	1982[r]	1983[r]	1984
Cedar Rapids	$10,635	$11,245	$11,837	$12,036	$12,928	$ 1,809	$1,913	$1,998	$2,032	$2,192
Davenport, Rock Island, Moline	10,362	11,427	11,535	11,480	12,611	11,612	4,415	4,428	4,379	4,804
Des Moines	10,834	11,745	12,373	12,770	13,869	3,986	4,361	4,585	4,769	5,229
Dubuque	9,488	9,821	9,915	10,229	11,243	889	922	918	939	1,031
Iowa City	8,754	9,968	10,418	10,958	12,017	718	824	871	926	1,020
Omaha, Council Bluffs	9,934	10,916	11,578	12,097	13,156	5,818	6,424	6,887	7,254	7,991
Sioux City	9,373	10,305	10,392	10,737	11,663	1,098	1,217	1,224	1,266	1,379
Waterloo, Cedar Falls	9,989	10,889	10,917	10,897	11,621	1,630	1,778	1,779	1,768	1,880

[r] revised

[1] Reflects income at place of residence

Source: Survey of Current Business, April, 1986, U.S. Department of Commerce

Earnings by industrial source, MSA, 1984 (Thousands of dollars)

Income by Place of Residence	**Cedar Rapids**	**Davenport Rock Island Moline**	**Des Moines**	**Dubuque**	**Iowa City**	**Omaha Council Bluffs**	**Sioux City**	**Waterloo Cedar Falls**
Total Personal Income	$2,191,754	$4,803,628	$5,229,430	$1,031,360	$1,020,145	$7,990,985	$1,379,079	$1,880,460
Nonfarm	2,168,904	4,722,054	5,179,236	1,012,308	998,390	7,904,081	1,342,381	1,841,866
Farm income	22,850	81,574	50,194	19,052	21,755	86,904	36,698	38,594
Per capita personal income (dollars)	12,928	12,611	13,869	11,243	12,017	13,156	11,663	11,621
Derivation of total personal income:								
Total earnings by place of work	1,700,649	3,545,096	4,158,026	840,491	805,751	6,368,863	1,000,648	1,384,157
Less: Personal contributions for social insurance	110,804	218,249	271,783	55,532	42,589	416,040	66,204	88,423
Plus: Adjustment for residence	-90,402	-153,655	-196,817	-138,965	-31,424	-234,494	-41,407	-73,107
Equals: Net income by place of residence	1,499,443	3,173,192	3,689,426	645,994	731,738	5,718,329	893,037	1,222,627
Plus: Dividends, interest, and rent	440,708	973,823	925,578	241,578	187,837	1,352,925	280,528	395,360
Plus: Transfer payments	251,603	656,613	614,426	143,788	100,570	919,731	205,514	262,473
Earnings by Place of Work								
Earnings by type								
Wages and salaries	1,406,970	2,945,909	3,409,377	679,539	677,419	5,278,403	766,974	1,126,770
Other labor income	163,501	327,779	364,907	81,445	57,797	542,021	97,479	127,984
Proprietor's income	130,178	271,408	383,742	79,507	70,535	548,439	136,195	129,403
Farm	17,660	70,236	38,629	15,298	17,549	71,603	30,427	29,458
Nonfarm	112,518	201,172	345,113	64,209	52,986	476,836	105,768	99,945
Earnings by industry								
Farm	22,850	81,574	50,194	19,052	21,755	86,904	36,698	38,594
Nonfarm	1,677,799	3,463,522	4,107,832	821,439	783,996	6,281,959	963,950	1,345,563
Private	1,504,468	2,817,213	3,528,499	757,282	421,220	5,127,564	851,107	1,160,985
Agricultural services, forestry, fisheries, etc	2,720	8,030	12,611*	D	D	11,645*	D	D
Mining	4,962	D	3,189*	D	D	D	D	D
Construction	69,726	127,747	196,780	34,353	39,068	340,836	46,492	D
Manufacturing	611,587	1,146,090	654,077	346,187	93,786	864,005	235,877	547,333
Nondurable goods	204,091	176,415	425,114	81,460	71,977	387,882*	179,614	77,903
Durable goods	407,496	969,675	228,963	264,727	21,809	460,981*	56,263	469,430
Transportation and public utilities	111,005	D	337,273	49,608	28,933	828,410	99,726	64,055
Wholesale trade	117,140	250,951	421,138	43,903	25,878	553,620	D	D
Retail trade	166,738	347,830	399,448	74,455	75,897	574,777	104,129	124,068
Finance, insurance and real estate	109,454	158,072	573,947	27,185	24,954	591,137	54,996	67,014
Services	311,136	531,264	928,954	178,578	129,183	1,243,388	231,198	235,906
Government and government enterprises	173,331	646,309	579,333	64,157	362,776	1,154,395	112,843	184,578
Federal, civilian	27,427	317,739	149,576	8,929	34,341	222,059	24,133	15,994
Military	3,023	17,051	13,576	2,354	2,314	312,863	2,134	2,852
State and Local	142,881	311,519	416,181	52,874	326,121	619,473	86,576	165,732

*The estimate shown here constitutes the major portion of the true estimate.

D = Data not shown to avoid disclosure

Source: Local Area Personal Income, 1979-1984, U.S. Department of Commerce

Effective buying income* for Iowa counties, 1985

County	Total EBI ($000)	Median Hsld. EBI	Percent of Households by EBI Group: $10,000 To $19,999	$20,000 To $34,999	$35,000 To $49,999	$50,000 & Over
Adair	82,770	15,317	33.4%	23.3%	7.5%	5.5%
Adams	47,907	16,486	32.1	28.3	8.1	3.4
Allamakee	114,918	17,473	32.4	25.5	8.6	2.8
Appanoose	126,046	14,059	30.9	24.6	7.1	2.6
Audubon	65,149	14,598	38.8	22.3	4.3	5.0
Benton	239,650	20,695	25.4	32.1	13.5	6.1
Black Hawk	1,603,983	25,780	21.2	31.4	19.1	11.7
Boone	294,622	21,860	26.4	29.6	15.9	8.5
Bremer	279,743	23,985	23.2	32.3	16.1	10.2
Buchanan	213,243	19,618	27.3	30.7	12.2	6.3
Buena Vista	202,685	17,933	30.6	28.5	9.9	6.4
Butler	154,233	18,067	29.3	31.1	8.6	5.0
Calhoun	116,334	16,587	31.8	25.0	8.9	5.8
Carroll	221,608	19,299	31.0	30.3	11.0	6.7
Cass	169,841	17,253	31.3	27.7	9.3	5.4
Cedar	187,493	19,902	27.0	31.7	11.8	6.3
Cerro Gordo	584,762	21,974	25.6	31.1	14.4	8.9
Cherokee	147,185	16,657	31.9	26.0	8.8	6.4
Chickasaw	126,214	17,466	30.3	29.3	8.8	4.7
Clarke	68,585	14,243	32.2	23.4	7.4	2.8
Clay	213,959	19,124	30.2	27.9	11.5	8.5
Clayton	176,918	15,292	32.3	24.5	7.3	4.5
Clinton	609,790	23,361	23.7	33.5	17.6	7.2
Crawford	164,441	17,626	29.2	29.9	9.4	4.7
Dallas	323,762	21,551	26.7	33.1	14.0	6.8
Davis	71,930	15,057	28.4	24.7	7.0	4.8
Decatur	70,875	13,784	30.4	24.2	6.1	2.8
Delaware	171,255	19,409	27.5	30.9	11.7	5.8
Des Moines	530,475	22,454	25.0	30.6	16.6	8.1
Dickinson	192,244	21,144	28.6	31.1	13.0	9.0
Dubuque	931,084	23,389	23.1	32.6	16.6	8.2
Emmet	124,981	18,400	28.8	31.3	9.5	5.3
Fayette	222,705	17,446	30.5	27.9	9.9	5.3
Floyd	174,619	18,245	29.8	28.9	11.4	4.4
Franklin	134,964	19,366	28.5	30.6	11.8	5.9
Fremont	93,176	17,857	29.7	26.8	10.9	6.3
Greene	123,191	18,520	28.3	28.3	11.0	7.0
Grundy	166,103	23,391	24.6	32.5	15.2	10.3
Guthrie	99,366	15,401	30.9	25.6	7.9	3.7
Hamilton	177,076	19,381	30.[illegible]	30.7	10.1	7.4
Hancock	141,394	19,090	30.8	31.8	9.7	6.1
Hardin	207,669	18,447	29.4	30.5	9.6	5.8
Harrison	133,003	16,005	30.0	26.1	9.1	4.1
Henry	195,286	20,149	29.0	31.1	12.4	6.8
Howard	97,072	16,161	30.4	25.5	8.8	5.1
Humboldt	123,720	17,490	32.5	29.5	8.8	5.0
Ida	79,912	15,769	32.6	26.4	6.7	5.4
Iowa	161,236	21,397	26.4	34.5	12.3	6.8
Jackson	203,906	18,902	26.5	33.3	8.3	5.6
Jasper	390,471	21,[illegible]35	26.2	33.1	14.8	6.6
Jefferson	178,147	19,382	27.9	28.6	11.7	8.1
Johnson	1,079,050	22,263	25.3	26.5	15.0	13.2
Jones	196,481	20,596	25.7	31.2	14.9	5.4
Keokuk	113,465	16,520	32.5	25.1	8.8	5.4
Kossuth	195,088	17,491	31.2	28.3	9.5	5.6
Lee	482,767	22,121	25.2	29.9	15.7	9.3
Linn	2,175,220	26,258	21.6	32.3	20.7	10.6
Louisa	131,924	22,407	24.3	33.1	15.1	8.0
Lucas	94,948	15,790	29.8	25.9	9.1	4.0
Lyon	96,783	15,255	32.5	24.6	5.2	5.5
Madison	108,598	18,275	26.6	29.4	10.9	5.1
Mahaska	224,269	18,053	29.8	29.3	9.6	5.6
Marion	313,603	21,738	25.9	32.6	14.7	7.3
Marshall	500,113	24,205	23.7	31.9	17.7	9.7
Mills	139,308	20,888	28.8	32.7	12.8	6.9
Mitchell	110,041	16,000	31.6	24.0	9.2	6.7
Monona	92,145	14,693	34.5	22.2	6.6	3.5
Monroe	89,270	18,687	29.9	27.9	13.2	5.4
Montgomery	150,227	19,773	28.6	29.9	13.7	5.8
Muscatine	503,521	25,377	21.2	29.7	17.5	13.6
O'Brien	148,595	16,510	32.1	26.0	8.5	5.6
Osceola	69,073	15,701	33.7	25.3	8.3	4.1
Page	193,282	18,039	31.0	27.8	10.9	5.6
Palo Alto	114,507	17,168	32.0	26.4	10.6	5.3
Plymouth	221,805	17,420	31.9	28.2	7.7	6.7
Pocahontas	109,332	18,141	31.7	27.0	10.1	7.8
Polk	4,228,448	25,628	22.6	30.2	18.3	13.1
Pottawattamie	972,287	22,940	24.5	30.6	16.7	9.3
Poweshiek	200,093	20,825	26.6	31.4	14.1	6.7
Ringgold	43,335	11,830	29.5	18.7	5.6	3.5
Sac	120,432	15,941	36.2	26.7	6.0	5.1
Scott	2,081,058	26,614	20.8	31.2	20.3	12.3
Shelby	136,602	18,110	32.9	29.2	9.3	6.0
Sioux	261,773	18,079	33.9	30.3	7.9	5.2
Story	870,881	23,884	24.3	28.1	17.6	12.2
Tama	180,411	19,467	27.9	30.7	12.6	5.4
Taylor	62,660	13,380	33.4	20.6	6.8	2.9
Union	137,502	17,930	29.5	27.4	11.3	5.5
Van Buren	61,979	13,588	31.2	23.2	5.7	3.0
Wapello	409,726	18,967	28.0	28.7	12.8	6.1
Warren	412,594	26,050	21.8	34.1	19.8	9.2
Washington	209,365	18,848	29.8	28.0	11.6	7.6
Wayne	56,846	11,887	34.3	17.2	4.7	2.3
Webster	449,089	19,630	27.6	29.4	12.8	6.9
Winnebago	153,465	21,283	29.0	31.9	14.2	7.5
Winneshiek	208,728	18,327	30.4	26.8	11.1	7.9
Woodbury	1,060,004	20,590	25.6	29.7	13.8	7.9
Worth	91,056	18,633	32.6	29.3	11.1	5.8
Wright	210,716	23,928	23.0	28.8	16.5	14.0
TOTAL STATE	31,984,186	21,297	26.0	29.9	14.5	8.7

*Effective Buying Income (EBI) is personal income less personal tax and nontax payments. Personal income is the aggregate of wages and salaries, other labor income, proprietor's income, rental income, dividends, paid by corporations, personal interest income from all sources and transfer payments. Deducted from this total are personal taxes (federal, state and local) nontax payments (such as fines, fees, penalties, and social insurance).

Source: 1986 Survey of Buying Power, Sales and Marketing Management, July 28, 1986.

Midwest taxable payrolls, 1984

	Number of Employees Week of March 12	Annual Taxable Payroll ($1000)	Estimated Weekly Payroll Per Employee
IOWA	842,072	$12,975,699	$296.33
Minnesota	1,505,571	26,964,847	344.42
South Dakota	175,930	2,318,478	253.43
Nebraska	492,285	7,486,175	292.44
Kansas	763,107	12,652,132	318.84
Missouri	1,697,711	29,990,221	339.71
Illinois	3,994,000	78,120,732	376.14
Wisconsin	1,579,033	26,869,165	327.23
Indiana	1,754,171	31,284,167	342.97
Ohio	3,574,131	67,065,134	360.84
North Dakota	179,605	2,608,333	279.28

Source: 1984 County Business Patterns, U.S. Department of Commerce, Bureau of the Census

Iowa taxable payrolls

County	1983			1984		
	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)
Total	72,437	805,286	$12,133,375	73,847	842,072	$12,975,699
Adair	244	1,608	18,316	250	1,555	18,988
Adams	123	1,271	15,437	133	1,336	15,553
Allamakee	383	2,852	29,215	397	3,075	32,466
Appanoose	337	2,638	32,818	335	2,631	33,791
Audubon	237	1,395	12,497	230	1,285	12,174
Benton	540	2,961	35,667	557	2,995	36,270
Black Hawk	3,063	43,608	786,794	3,106	43,221	777,115
Boone	561	4,523	60,665	581	4,677	62,250
Bremer	557	5,461	77,535	596	5,879	86,172
Buchanan	472	2,787	32,044	466	2,960	33,446
Buena Vista	630	5,158	62,326	647	5,932	69,183
Butler	387	1,787	18,084	397	1,844	18,881
Calhoun	350	1,931	21,637	366	2,048	23,065
Carroll	740	6,378	82,420	736	6,570	87,832
Cass	540	3,853	44,925	550	3,991	45,957
Cedar	459	2,708	31,612	456	2,669	30,449
Cerro Gordo	1,466	15,994	221,198	1,468	16,389	224,615
Cherokee	413	3,802	49,990	418	3,868	50,047
Chickasaw	396	2,920	38,333	381	3,108	42,092
Clarke	218	1,812	21,901	223	1,887	21,032
Clay	651	5,669	71,263	670	6,052	72,576
Clayton	528	3,357	38,278	544	3,577	39,140
Clinton	1,201	15,692	233,246	1,241	15,709	238,945
Crawford	489	4,345	56,550	504	5,099	72,256
Dallas	614	4,671	68,618	617	4,790	62,575
Davis	186	1,005	11,307	182	1,024	11,719
Decatur	186	1,813	16,548	183	1,989	17,133
Delaware	425	2,673	35,099	450	2,797	36,666
Des Moines	1,215	16,106	261,711	1,225	15,858	260,596
Dickinson	538	3,553	46,296	547	3,765	50,474
Dubuque	2,209	33,269	547,169	2,249	35,316	595,778
Emmet	309	2,479	31,076	315	2,789	34,555
Fayette	665	4,470	53,432	673	4,764	55,109
Floyd	465	4,110	56,494	477	4,129	56,765
Franklin	355	2,458	31,269	358	2,574	34,729
Fremont	210	1,230	13,117	209	1,180	13,843
Greene	320	2,005	23,901	317	2,051	24,795
Grundy	348	2,269	27,964	357	2,296	29,287
Guthrie	271	1,388	13,798	280	1,551	16,172
Hamilton	490	4,477	55,978	477	4,821	60,893
Hancock	353	2,459	30,846	356	2,718	33,609
Hardin	671	5,112	66,069	690	5,171	64,790
Harrison	338	2,151	21,529	350	2,143	22,845
Henry	473	4,785	61,227	469	5,249	66,294
Howard	294	1,639	18,813	277	1,766	20,348
Humboldt	350	2,284	27,435	342	2,401	28,701
Ida	248	1,899	24,211	252	1,947	27,301
Iowa	415	5,589	74,941	438	6,157	87,017
Jackson	512	3,285	34,391	498	3,525	36,826
Jasper	783	8,726	153,459	793	9,171	160,708
Jefferson	416	3,705	51,393	460	4,839	61,148
Johnson	1,844	20,580	275,138	1,934	22,045	301,499

Iowa taxable payrolls (continued)

County	1983			1984		
	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)
Jones	483	3,286	37,245	489	3,341	39,602
Keokuk	301	1,451	16,492	309	1,502	17,263
Kossuth	615	4,698	60,022	595	4,723	61,940
Lee	1,053	13,070	212,941	1,061	13,451	230,142
Linn	4,176	68,149	1,175,119	4,292	69,363	1,250,643
Louisa	223	1,362	16,698	219	1,309	15,556
Lucas	213	2,120	32,940	205	2,217	35,263
Lyon	294	1,533	17,181	302	1,601	17,356
Madison	267	1,617	16,828	259	1,554	16,743
Mahaska	553	4,745	56,042	568	4,800	59,566
Marion	642	7,991	128,032	655	8,809	135,969
Marshall	980	13,142	224,253	991	13,751	235,706
Mills	242	2,033	22,990	241	1,987	23,737
Mitchell	327	1,914	21,009	321	1,960	20,830
Monona	315	1,936	20,336	307	1,988	20,847
Monroe	188	1,266	14,656	193	1,356	16,437
Montgomery	369	3,342	43,210	359	3,625	48,617
Muscatine	978	14,955	269,910	992	15,682	295,464
O'Brien	561	3,524	37,366	544	3,802	41,108
Osceola	219	1,434	15,853	217	1,460	16,049
Page	563	5,031	64,561	558	5,308	66,366
Palo Alto	326	2,057	20,429	321	1,983	20,422
Plymouth	605	5,039	62,497	617	5,062	66,333
Pocahontas	365	2,249	24,783	378	2,328	26,942
Polk	9,037	146,535	2,472,327	9,284	156,470	2,774,107
Pottawattamie	1,681	18,378	245,228	1,728	19,214	238,344
Poweshiek	485	5,439	79,448	497	5,623[1]	88,363
Ringgold	134	877	7,645	141	803	7,552
Sac	420	2,218	24,025	416	2,028	23,472
Scott	3,776	53,777	933,354	3,906	56,714	1,021,614
Shelby	386	2,932	31,069	388	3,099	33,256
Sioux	856	7,837	87,815	851	8,227	95,200
Story	1,542	15,675	187,880	1,577	17,182	205,840
Tama	428	2,804	33,157	423	2,929	35,618
Taylor	178	1,077	9,309	187	1,027	8,986
Union	366	3,190	36,016	371	3,114	36,163
Van Buren	186	923	9,217	191	929	9,466
Wapello	819	9,518	161,164	859	10,107	166,174
Warren	548	3,961	40,782	559	4,161	45,102
Washington	576	4,155	52,936	606	4,458	57,141
Wayne	184	1,248	13,145	180	1,244	12,715
Webster	1,233	13,479	177,230	1,267	13,779	184,791
Winnebago	348	4,404	62,017	348	5,350	78,478
Winneshiek	534	5,469	60,350	546	5,386	64,359
Woodbury	2,709	33,780	507,609	2,799	35,100	527,149
Worth	187	1,021	11,173	198	1,148	11,734
Wright	459	3,567	44,717	478	3,430	45,751
Statewide	19	378	8,391	27	405	8,957

Source: County Business Patterns, 1984, U.S. Department of Commerce, Bureau of the Census.

Iowa employees and payroll by major industry group

Major Industry Groups	1983[1]			1984		
	Number of Employees (mid-March)	Taxable Payrolls (Annual $000)	Total* Reporting Units	Number of Employees (mid-March)	Taxable Payrolls (Annual $000)	Total* Reporting Units
Total	806,786	$12,163,775	72,437	842,072	$12,975,699	73,847
Agricultural Services	3,874	52,877	903	4,411	62,715	908
Mining	1,931	42,305	193	2,137	49,281	194
Contract Construction	30,794	618,210	6,313	32,780	681,961	6,114
Manufacturing	197,621	4,397,229	3,537	208,350	4,673,614	3,507
Transportation & Utilities	42,662	865,636	3,390	43,846	922,650	3,366
Wholesale Trade	68,429	1,197,047	7,630	70,021	1,265,217	7,435
Retail Trade	190,422	1,558,142	21,468	195,397	1,628,380	20,857
Finance, Insurance, Real Est	64,370	1,086,559	6,216	66,945	1,177,075	6,188
Services	203,501	2,293,610	19,945	209,701	2,432,308	20,503
Unclassified Est	3,182	52,163	2,842	8,484	82,499	4,775

*Establishment counts for 1984 include all establishments in business at anytime during the year.

[1] Revised.

Source: County Business Patterns, 1984 U.S. Department of Commerce, Bureau of Census.

Industry

Since Iowa is often considered an agricultural state, many people do not realize that industry generates about three times as much in total revenue as does agriculture.

Because Iowa workers are among the most highly educated, and are more productive than the national average, capital intensive, well-paying industries are attracted to the state. One hundred nineteen of Fortune's "Top 500" companies have manufacturing plants here.

Compared to the average American production worker, Iowans are 22% more productive. They put in the equivalent of 63.4 weeks a year, or 48.8 hours a week when compared with the national average.

This means the typical Iowa manufacturing worker produces $17,170 more value per year than the average counterpart throughout America.

Iowa workers work.

Fortune 500 in Iowa

Company	Rank
Air Products and Chemicals, Inc	205
Allied Signal	37
Aluminum Company of America	69
AMAX	183
American Can Company	140
American Cyanamid	109
American Home Products Corporation	79
American Standard	115
Amoco	11
Amsted Industries	384
Anheuser - Busch, Inc	51
Archer Daniels Midland	76
Armco, Inc	92
Armstrong Rubber Company	367
Beatrice Foods Company	26
Butler Manufacturing Co	467
Campbell Soup Co	100
Caterpillar Tractor Company	52
Central Soya Company, Inc	222
Champion International	62
Champion Spark Plug	352
Chevron	7
Coca-Cola	44
Con Agra	65
Crane Company	294
Dayco Corporation	333
Deere and Company	96
Deluxe Check Printers, Inc	368
Dow Chemical Company	28
Dow Jones	303
Dresser Industries	91
E. I. du Pont de Nemours	9
Eaton Corporation	107
Emerson Electric	81
Ethyl Corporation	229
Farley/Northwest	230
Farmland Industries	87
Federal Company	263
Firestone Tire and Rubber Company	102
FMC Corporation	120
Fruehauf Corporation	150
Gannett Company, Inc	173
General Dynamics	42
General Electric Company	10
General Foods Corporation	38
General Mills	64
General Motors	1
Georgia-Pacific Corporation	54
Goodyear Tire and Rubber	35
Grace, W. R., and Company	49
Handy & Harman	436
Harnischfeger	473
Harsco	264
Heileman, G. Brewing Co	280
Heinz, H. J. Company	97
Hon Industries	478
Hormel, George A., and Company	235
I. C. Industries	67
International Harvestor	104
International Minerals & Chemicals	224
International Multifoods Corporation	274
International Paper Company	83
James River Corporation	153
Kaiser Aluminum and Chemical Corp.	143
Kidde, Inc	155
Land O'Lakes, Inc	164
Lear Siegler, Inc	159
Libbey-Owens-Ford Company	190
Lipton, Thomas J.	262
Litton Industries	82
Longview Fibre Co	487
MAPCO	192
Martin Marietta	85
Maytag Company, The	390
Mead Corporation	142
Meredith Corporation	477
Ministar	288
Minnesota Mining and Manufacturing	47
Mobil Corporation	3
Monsanto Company	53
Motorola, Inc	66
National Distillers & Chemical Corp	184
National Gypsum	214
North American Phillips Corporation	86
Occidental Petroleum	19
Parker-Hannifin Corporation	242
Pepsico, Inc	41
Pfizer, Inc	99
Proctor and Gamble	22
Quaker Oats Company	111
Ralston Purina Company	61
Raytheon	60
Rockwell International Corporation	30
Rubbermaid	397
Sara Lee Corporation	45
Sealed Power	408
Sheller-Globe Corporation	328
Snap-On Tools	421
Sonoco Products Company	347
Sperry Corporation	63
Square D Company	247
Sundstrand	258
Swift Independent Packing Company	139
Sybron Corporation	454
Tenneco, Inc	18
Texaco	6
Textron, Inc	74
USG Corp	152
Union Carbide Corporation	39
United Brands	124
United States Steel Corporation	15
Upjohn Company	176
Walter, Jim, Corporation	166
Weyerhaeuser Company	68
White Consolidated Industries	186
Wilson Foods Corporation	232
Winnebago Industries	500
Wisconsin Dairies Cooperative	483
Witco Chemical Corporation	243

Source: Fortune, April 28, 1986; The 500 largest U.S. Industrial Corporations.

Value added per manufacturing worker

	1965	1970*	1975	1977	1983'	1984'
IOWA	$19,005	$25,046	$44,001	$50,900	$90,220	$95,350
Minnesota	19,621	24,312	37,607	45,500	81,680	89,120
Kansas	19,056	24,805	36,159	43,900	84,580	85,030
Illinois	18,858	24,089	39,225	46,960	77,680	82,290
Nebraska	18,169	24,950	38,254	45,650	74,550	72,450
Missouri	17,065	22,293	34,347	43,750	77,420	87,460
Wisconsin	16,924	21,885	35,403	43,590	73,210	79,210
South Dakota	14,827	19,025	26,488	36,620	66,130	64,230
Indiana	18,218	22,197	34,696	43,530	72,710	78,440
Ohio	19,082	23,544	37,201	46,580	79,500	84,630
Midwest Average	17,941	23,301	36,436	44,700	77,790	82,420
United States Average	17,355	22,193	35,065	42,740	72,370	78,180

*Revised

Source: 1984 Annual Survey of Manufacturers, U.S. Department of Commerce - Bureau of Census.

Industrial revenue bonds

Iowa law permits city and county governments to authorize revenue bonds for buildings, buying land and equipping plants. The table below shows bonds issued January through December 1986.

Jan.-Dec.

1986 City	Amount ($000)
Adair	820
Algona	500
Ames	375
Ames	70
Ames	600
Atlantic	140
Blue Grass	200
Boone	2,200
Carroll	131
Carroll	146
Carroll	37
Cedar Falls	1,000
Cedar Falls	500
Cedar Rapids	2,500
Cedar Rapids	375
Cedar Rapids	500
Centerville	320
Cherokee	3,000
Cherokee	100
Clarinda	275
Clive	475
Coralville	1,100
Council Bluffs	3,100
Davenport	1,385
Davenport	1,000
Davenport	1,000
Davenport	2,000
Delmar	112
Des Moines	375
Des Moines	2,500
Des Moines	185
Des Moines	110
Des Moines	2,950
Des Moines	500
Des Moines	1,200
Des Moines	1,000
Des Moines	10,000
Des Moines	6,500
Des Moines	500
Dubuque	300
Dubuque	5,200
Dubuque	250
Fairfield	50
Fairfield	2,200
Iowa City	185
Iowa City	120
Iowa City	900
Iowa City	1,000
Iowa City	2,200
Iowa City	2,700
Iowa City	8,375
Jefferson	750
Keosauqua	16
Le Mars	25
Masonville	1,200
Monticello	300
Nevada	160
Northwood	165
Northwood	900
Pella	100
Riceville	80
Rock Valley	285
Sac City	96
Sioux City	6,000
Sioux City	1,600
Spirit Lake	4,000
Stanwood	195
Tipton	200
Waterloo	175
Waterloo	145
Waterloo	1,750
Waukee	85
West Des Moines	500
West Des Moines	845
West Des Moines	2,600
Worthington	140
1986 Total	95,573

Source: Iowa Finance Authority

Open port warehousing

You can move goods into an Iowa warehouse, divide them, repackage them, label them - all without paying any property tax so long as the goods are destined for final delivery outside Iowa.

This is a tremendous advantage to a distributor of, say, consumer goods who ships to major geographic areas in bulk, but breaks shipments into smaller units for delivery into more limited market areas.

Industrial statistics, Iowa cities and counties

	1982										
	All establishments[1]		**All employees**[1]		**Production workers**			**Value added by manufacture**[1] **(million dollars)**	**Cost of materials**[1] **(million dollars)**	**Value of shipments**[1] **(million dollars)**	**New capital expenditures (million dollars)**
	Total (no.)	**With 20 employees or more (no.)**	**Number (1,000)**	**Payroll (million dollars)**	**Number (1,000)**	**Hours (millions)**	**Wages (million dollars)**				
IOWA	3,600	1,224	213.3	4,410.4	140.4	260.0	2,653.6	12,091.8	19,382.3	31,424.0	689.6
Standard Metropolitan Statistical Areas											
Cedar Rapids	214	77	25.4	561.1	13.4	24.9	262.3	1,582.5	1,757.5	3,397.3	80.0
Davenport-Rock Island-Moline, Iowa-Ill	432	158	40.6	1,048.7	24.7	43.1	565.7	2,310.4	2,988.3	5,346.2	227.0
Portion in Ill	251	91	24.5	649.4	14.3	24.6	322.6	1,391.9	1,593.2	3,067.3	148.9
Portion in Iowa	181	67	16.1	399.3	10.4	18.5	243.1	918.5	1,395.1	2,278.9	78.1
Des Moines	441	130	22.2	477.2	12.8	24.0	256.8	1,160.6	1,908.8	3,093.3	64.2
Dubuque	131	51	11.9	278.8	7.4	13.2	161.6	632.2	876.4	1,393.9	23.0
Iowa city	71	22	3.3	62.3	2.2	3.8	38.9	451.0	309.1	763.6	17.1
Omaha, Nebr.-Iowa	673	252	34.1	668.3	23.6	44.9	400.0	1,762.9	3,725.1	5,508.3	76.5
Portion in Iowa	75	28	3.5	53.8	2.8	5.4	37.0	122.4	601.8	722.3	6.0
Portion in Neb	598	224	30.6	614.5	20.8	39.5	363.0	1,640.5	3,123.2	4,786.1	70.6
Sioux City, Iowa-Neb	131	60	10.5	173.9	6.9	13.3	91.1	310.0	1,857.0	2,161.2	14.5
Portion in Iowa	110	52	5.8	113.2	3.8	7.3	68.0	233.0	916.5	1,138.7	11.8
Portion in Neb	21	8	4.7	60.7	3.1	5.9	23.1	77.0	940.5	1,022.5	2.7
Waterloo-Cedar Falls	181	60	18.2	491.9	12.4	22.2	317.5	1,399.9	1,593.3	2,989.6	51.1
Counties											
Adair	12	1	1	2.0	1	2	1.5	5.9	7.9	12.9	2
Adams	7	2	1	1.5	1	2	1.1	3.7	4.5	8.2	2
Allamakee	22	6	8	8.5	6	1.1	6.1	22.9	42.3	65.2	6
Appanoose	13	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Audubon	7	1	1	1.5	1	1	9	2.3	4.8	6.7	(Z)
Benton	24	5	3	5.3	2	4	3.3	10.7	13.4	24.3	6
Black Hawk	181	60	18.2	491.9	12.4	22.2	317.5	1,399.9	1,593.3	2,989.6	51.1
Boone	28	12	9	13.7	5	1.1	7.1	32.7	22.7	55.8	2.1
Bremer	37	12	1.1	21.1	9	1.6	15.3	101.8	99.0	199.1	3.9
Buchanan	23	6	6	7.4	4	6	5.1	22.2	59.8	82.5	1.8
Buena Vista	36	6	1.0	19.0	8	1.7	15.6	44.4	209.1	254.2	1.3
Butler	17	1	1	1.6	1	2	1.1	3.4	4.9	8.4	2
Calhoun	13	2	2	2.4	1	3	1.4	4.5	3.9	8.3	3
Carroll	28	6	8	14.5	7	1.3	11.3	36.2	107.1	144.4	1.2
Cass	21	7	5	6.8	3	5	3.4	18.6	34.0	52.5	1.1
Cedar	27	8	5	6.4	3	6	4.0	13.2	43.5	59.1	7
Cerro Gordo	67	26	2.7	45.8	2.0	4.0	31.5	92.7	208.7	306.8	10.9
Cherokee	23	9	1.0	19.4	7	1.5	15.1	47.0	207.9	255.1	1.4
Chickasaw	19	8	1.2	21.3	8	1.5	12.3	65.2	185.4	251.9	2.2
Clarke	12	8	7	11.1	5	9	7.9	20.1	57.3	78.2	1.2
Clay	34	10	1.2	21.0	1.0	1.8	14.7	53.8	242.2	393.7	1.6
Clayton	36	12	7	8.7	6	1.0	6.2	18.7	64.5	81.7	2.3
Clinton	52	24	5.9	125.0	4.3	8.7	86.5	320.2	715.0	1,035.3	56.2
Crawford	23	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Dallas	33	11	1.2	29.4	1.0	1.9	23.1	49.4	216.2	265.6	2.0
Davis	9	4	2	2.5	2	3	1.7	6.2	6.0	11.7	1.5
Decatur	6	3	3	3.2	2	5	2.6	6.7	6.6	13.3	1
Delaware	24	8	6	9.9	5	9	7.0	20.3	75.4	95.2	2.2
Des Moines	61	30	6.3	132.0	4.4	8.1	80.9	449.5	336.0	796.4	29.2
Dickinson	19	5	1.0	16.3	7	1.5	10.1	40.5	35.4	75.5	9
Dubuque	131	51	11.9	278.8	7.4	13.2	161.6	632.2	876.4	1,393.9	23.0
Emmet	15	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fayette	30	9	8	11.1	6	1.1	8.2	37.6	91.3	130.6	3.7
Floyd	15	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Franklin	23	8	1.0	15.8	7	1.2	9.7	28.8	37.0	68.3	1.6
Fremont	7	-	(Z)	3	(Z)	(Z)	2	6	1.0	1.6	(Z)
Greene	17	6	4	6.7	3	6	4.7	13.4	15.0	29.2	6
Grundy	16	5	4	6.0	3	5	3.8	15.4	23.0	39.0	7
Guthrie	8	1	1	7	(Z)	1	5	2.1	1.3	3.6	1
Hamilton	37	17	1.6	21.4	1.1	1.9	13.3	42.3	96.8	140.7	4.7
Hancock	23	6	7	11.0	5	9	7.3	17.3	83.8	101.5	1.2
Hardin	35	14	1.2	19.0	9	1.7	14.1	37.0	234.6	280.5	4.5
Harrison	10	2	1	1.6	1	2	1.1	3.8	2.7	6.4	2
Henry	24	8	1.0	16.6	8	1.5	11.1	71.5	49.2	123.8	1.8
Howard	19	3	3	5.5	2	4	4.0	23.9	71.2	97.4	5
Humboldt	25	7	4	5.7	3	5	3.9	11.8	11.3	23.2	6
Ida	10	3	4	6.9	3	6	3.9	17.1	25.9	42.0	7
Iowa	23	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Jackson	30	11	6	7.9	4	9	5.6	18.3	65.6	83.2	5
Jasper	52	15	4.7	95.2	2.2	3.9	44.1	254.7	186.4	442.7	8.1

Industrial statistics, Iowa cities and counties (continued)

	1982										
	All establishments[1]		All employees[1]		Production workers						
	Total (no.)	With 20 employees or more (no.)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)	Value added by manufacture[3] (million dollars)	Cost of materials[4] (million dollars)	Value of shipments[4] (million dollars)	New capital expenditures (million dollars)
Counties-Continued											
Jefferson	38	15	1.7	28.6	1.2	2.1	17.3	51.5	50.2	103.7	1.6
Johnson	71	22	3.3	62.3	2.2	3.8	38.9	451.0	309.1	763.6	17.1
Jones	34	9	7	11.2	5	9	6.5	31.9	37.3	70.8	1.8
Keokuk	9	-	1	7	(Z)	1	5	1.3	1.8	3.1	1
Kossuth	24	4	9	15.1	7	1.3	12.3	51.0	58.9	109.5	2.1
Lee	69	33	6.6	128.5	4.6	8.5	84.9	295.4	543.6	843.3	28.7
Linn	214	77	25.4	561.1	13.4	24.9	262.3	1,582.5	1,757.5	3,397.3	80.0
Louisa	12	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Lucas	6	3	3	3.2	2	4	2.2	6.8	4.8	11.7	1
Lyon	14	2	2	3.4	2	3	2.2	8.6	4.8	13.3	2
Madison	6	-	(Z)	5	(Z)	1	2	1.2	1.1	2.3	(Z)
Mahaska	30	8	1.0	14.6	7	1.3	9.2	32.1	43.0	75.0	2.6
Marion	31	11	3.5	62.9	2.7	4.6	44.5	186.3	202.1	389.4	17.0
Marshall	54	22	6.0	137.1	3.3	5.8	68.2	321.4	356.4	660.0	12.1
Mills	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mitchell	14	3	3	4.3	2	4	2.7	13.4	17.4	30.9	1.1
Monona	9	2	1	1.6	1	2	1.0	2.1	1.6	3.9	1
Monroe	12	5	6	9.1	5	1.0	7.3	13.3	15.0	29.5	(D)
Montgomery	15	6	1.1	19.1	9	1.5	13.8	53.3	34.0	88.6	9
Muscatine	79	40	7.9	172.9	5.7	11.0	107.3	748.8	787.0	1,538.1	28.3
O'Brien	32	5	4	6.5	3	6	4.5	24.6	112.1	137.0	1.3
Osceola	12	4	3	4.5	3	6	3.5	39.1	75.2	114.8	6
Page	21	11	1.3	22.7	9	1.5	14.8	69.6	58.0	129.2	6.6
Palo Alto	15	4	2	2.8	1	2	1.8	5.9	6.1	12.0	4
Plymouth	26	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Pocahontas	18	4	4	4.6	2	3	2.3	7.2	9.8	15.9	1.0
Polk	419	126	21.8	472.3	12.6	23.7	254.2	141.2	1,885.8	3,050.3	63.4
Pottawattamie	75	28	3.5	53.8	2.8	5.4	37.0	122.4	601.8	722.3	6.0
Poweshiek	32	13	1.4	22.4	1.1	2.2	16.3	61.3	60.1	122.8	2.2
Ringgold	4	2	2	1.5	1	3	1.2	3.1	2.1	5.4	(D)
Sac	27	3	4	6.3	2	5	3.9	14.0	28.2	43.5	1.2
Scott	181	67	16.1	399.3	10.4	18.5	243.1	918.5	1,395.1	2,278.9	78.1
Shelby	15	3	2	3.4	1	2	1.9	7.7	9.8	17.7	2
Sioux	57	21	2.6	32.5	2.1	3.6	22.7	75.0	198.0	272.0	3.9
Story	58	14	2.9	51.1	1.9	3.6	29.9	196.4	159.3	356.2	6.0
Tama	15	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Taylor	10	3	3	3.2	2	4	2.2	5.5	7.7	13.8	2
Union	17	7	1.2	19.8	9	1.8	13.7	40.1	40.8	78.6	2.1
Van Buren	12	6	3	3.9	3	5	2.8	8.3	8.7	17.2	5
Wapello	34	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Warren	22	4	3	4.9	2	3	2.5	19.2	23.0	43.1	8
Washington	24	10	1.0	17.8	8	1.5	11.5	47.6	83.1	126.6	3.7
Wayne	11	5	4	5.5	3	5	3.4	15.2	10.7	25.7	4
Webster	64	31	3.3	61.0	2.0	4.2	40.3	214.5	554.2	775.7	7.9
Winnebago	21	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Winneshiek	20	7	7	9.8	6	1.1	6.6	21.9	64.8	85.7	9
Woodbury	110	52	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Worth	8	2	2	1.9	1	2	1.2	2.5	3.9	6.3	2
Wright	29	11	9	13.0	6	1.1	7.4	58.5	168.9	224.7	(D)

[1] Includes establishments with payroll at any time during year.

[2] (D) Data not used to avoid disclosure of individual companies.

[3] Value added by manufacture for 1982 is computed using inventory reported at cost or market prior to any adjustment to LIFO cost.

[4] Aggregate of cost of materials and value of shipments includes extensive duplication since products of some industries are used as materials by others.

Source: 1982 Census of Manufacturers. Bureau of the Census, U.S. Department of Comemrce.

Iowa industrial statistics by SIC code

		1982											1977
		All establishments[1]		All employees		Production Workers							
SIC Code	Industry	Total (number)	With 20 employees or more (number)	Number[1] (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)	Value added by manufacture[3] (million dollars)	Cost of materials[4] (million dollars)	Value of shipments[4] (million dollars)	New capital expenditures (million dollars)	All employees[1] (1,000)
	All Industries	3,600	1,224	213.4	4,410.4	140.4	260.0	2,653.6	12,091.8	19,382.3	31,424.0	689.6	240.3
20	Food and Kindred Products	484	236	44.8	949.9	32.3	63.2	668.6	3,130.8	10,632.1	13,746.9	194.8	46.3
201	Meat Products 116	61	22.2	486.5	18.1	34.9	399.7	1,013.2	6,185.4	7,179.8	38.2	24.3	
2011	Meat packing plants	65	38	17.9	420.7	14.5	27.9	347.5	847.6	5,626.6	6,461.9	31.7	20.2
2013	Sausages and other prepared meats	37	14	2.3	39.9	1.8	3.2	30.3	104.0	373.8	473.3	4.6	2.4
2016	Poultry dressing plants	8	5	1.5	19.6	1.3	2.7	16.9	39.8	139.4	178.8	1.5	1.2
2017	Poultry and egg processing	6	4	6	6.2	5	1.1	5.1	21.7	45.7	65.8	4	5
202	Dairy products	56	32	2.9	58.6	1.9	4.3	37.9	233.8	965.2	1,202.6	15.7	3.6
2022	Cheese, natural and processed	16	11	8	13.3	6	1.4	10.6	50.4	369.6	421.3	4.9	9

Iowa industrial statistics by SIC code (continued)

SIC Code	Industry	1982											1977
		All establishments'		All employees		Production Workers			Value added by manufacture' (million dollars)	Cost of materials' (million dollars)	Value of shipments' (million dollars)	New capital expenditures (million dollars)	All employees' (1,000)
		Total (number)	With 20 employees or more (number)	Number' (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
2023	Condensed and evaporated milk	13	8	7	13.9	5	1.3	11.1	85.3	232.9	320.2	6.2	7
2024	Ice Cream and Frozen desserts	8	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3
2026	Fluid milk	17	9	1.2	26.1	5	1.1	11.9	85.7	317.4	403.8	3.8	1.6
203	Preserved fruits and vegetables	15	10	2.2	37.9	1.8	3.5	29.2	129.6	151.9	281.7	4.4	2.0
2032	Canned specialties	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
2033	Canned fruits and vegetables	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
2037	Frozen fruits and vegetables	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
2038	Frozen specialties	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
204	Grain mill products	165	64	10.9	247.1	6.7	12.7	143.4	1,336.7	1,880.0	3,220.4	89.9	10.0
2041	Flour and other grain mill products	7	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
2043	Cereal breakfast foods	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
2046	Wet corn milling	6	6	3.2	90.0	2.1	4.0	54.7	415.7	758.9	1,181.9	44.0	3.5
2047	Dog, cat, and other pet food	14	5	1.5	33.0	1.2	2.4	26.0	389.7	241.9	625.9	9.1	CC
2048	Prepared feeds, n.e.c.	135	46	3.9	70.6	1.6	3.1	26.3	216.9	598.8	817.1	8.0	3.8
205	Bakery products	25	15	2.4	41.7	1.3	2.6	19.9	91.3	82.8	174.3	(D)	2.3
2051	Bread, cake, and related products	22	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
2052	Cookies and crackers	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
206	Sugar and confectionery products	6	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
2065	Confectionery products	5	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
207	Fats and oils	34	22	1.6	31.1	1.1	2.3	19.9	130.0	1,188.4	1,315.9	31.1	1.3
2075	Soybean oil mills	17	14	1.1	23.2	8	1.6	14.6	109.8	1,112.1	1,219.3	29.5	1.0
2077	Animal and marine fats and oils	16	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4
208	Beverages	32	19	1.5	27.7	5	1.1	7.6	76.4	100.9	177.6	7.7	1.3
2086	Bottled and canned soft drinks	27	18	1.4	27.0	5	1.0	7.2	75.0	98.8	174.0	7.6	1.2
209	Miscellaneous foods and kindred products	35	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2
2099	Food preparations, n.e.c.	25	10	8	14.0	5	1.2	6.9	108.2	65.9	171.6	(D)	EE
22	Textile mill products	13	5	8	10.7	6	1.2	6.7	30.1	16.4	45.8	1.2	1.2
225	Knitting mills	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3
229	Miscellaneous textile goods	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
2298	Cordage and twine	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
23	Apparel and other textile products	74	34	3.6	36.0	3.3	5.4	28.6	72.1	55.7	128.3	2.4	4.4
232	Men's and boy's furnishings	15	11	1.1	9.9	1.0	1.6	8.9	22.8	16.5	41.9	1.4	1.6
2328	Men's and boy's work clothing	6	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
2329	Men's and boy's clothing n.e.c.	7	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
233	Women's and misses' outerwear	5	4.3	2.6	2	4	2.2	5.6	3.0	9.0	(D)	CC	
2335	Women's and misses' dresses	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5
234	Women's and children's undergarments	5	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
2341	Women's and children's underwear	5	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
235	Hats, caps and millinery	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
2352	Hats and caps, except millinery	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
239	Miscellaneous fabricated textile products	41	10	7	7.4	5	9	4.4	13.8	15.5	27.5	(D)	9
2394	Canvas and related products	17	3	2	1.9	1	2	1.2	3.8	3.2	7.1	1	3
2395	Pleating and stitching	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3
24	Lumber and wood products	183	34	4.1	58.1	3.2	5.1	41.4	133.2	140.2	275.3	13.6	5.2
242	Sawmills and planing mills	44	4	3	3.7	3	5	3.2	5.1	12.1	17.5	(D)	4
2421	Sawmills and planing mills, general	39	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2
243	Millwork, plywood, and structural members	53	14	2.8	42.2	2.2	3.3	30.1	101.4	80.3	183.0	(D)	2.6
2431	Millwork	22	7	2.2	35.5	1.8	2.7	25.6	88.5	68.4	157.7	(D)	2.0
2434	Wood kitchen cabinets	24	7	6	6.2	4	6	4.0	11.6	8.5	20.7	4	BB
244	Wood containers	32	4	3	3.0	2	4	2.3	5.6	9.4	15.0	(D)	3
2448	Wood pallets and skids	31	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3
245	Wood buildings and mobile homes	14	5	3	4.3	2	4	2.7	13.0	26.5	39.4	(D)	1.5
2452	Prefabricated wood buildings	14	5	3	4.3	2	4	2.7	13.0	26.5	29.4	1	EE
249	Miscellaneous wood products	22	6	3	4.0	3	5	2.5	6.9	9.5	16.6	3	2
2499	Wood products, n.e.c.	21	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
25	Furniture and fixtures	54	23	3.5	66.0	2.7	5.2	44.0	113.8	109.0	22.7	4.3	3.7
251	Household furniture	27	11	1.5	23.9	1.1	2.0	13.9	36.7	35.3	72.2	(D)	1.8
2512	Upholstered household furniture	7	6	1.0	19.0	7	1.4	10.4	23.7	23.1	46.5	(D)	1.2
2519	Household furniture, n.e.c.	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
252	Office furniture	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
2521	Wood office furniture	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
2522	Metal office furniture	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
2531	Public building and related furniture	5	5	4	5.8	3	5	4.2	15.7	18.2	33.7	2	BB
254	Partitions and fixtures	8	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3
2541	Wood partitions and fixtures	6	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
26	Paper and allied products	55	37	4.6	86.6	3.5	7.1	58.3	226.7	351.6	575.6	18.7	4.8
2631	Paperboard mills	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
264	Miscellaneous converted paper products	31	17	2.3	42.7	1.7	3.4	27.4	138.2	161.7	298.8	14.7	2.2
2641	Paper coating and glazing	7	6	9	20.1	6	1.2	12.5	70.7	94.4	162.4	10.2	7
2642	Envelopes	3	2	2	3.4	1	3	2.1	9.1	7.5	16.5	(D)	AA
2643	Bags, except textile bags	7	6	1.0	16.0	8	1.6	11.1	50.6	52.2	104.5	2.6	1.1
2649	Converted paper products, n.e.c.	9	1	2	2.0	1	2	1.0	5.6	6.4	11.9	(D)	(NA)
265	Paperboard containers and boxes	21	17	2.0	38.4	1.6	3.3	26.6	78.3	170.2	246.5	3.2	2.3
2651	Folding paperboard boxes	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
2653	Corrugated and solid fiber boxes	14	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
2654	Sanitary food containers	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
27	Printing and publishing	791	164	17.6	270.2	9.0	16.0	128.0	662.7	477.5	1,140.1	29.6	14.6
2711	Newspapers	292	62	6.7	82.0	2.6	4.3	29.4	193.8	66.9	260.9	6.8	5.6
2721	Periodicals	29	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
273	Books	22	5	6	9.7	2	5	3.4	28.1	16.3	44.4	1.2	CC
2731	Book publishing	18	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
2732	Book printing	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3
2741	Miscellaneous publishing	46	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4
275	Commercial printing	342	60	5.8	100.5	4.4	8.1	70.4	184.5	173.6	359.0	11.6	5.0
2751	Commercial printing, letterpress	112	10	1.2	16.1	9	1.6	10.2	37.7	27.8	65.7	7	FF
2752	Commercial printing, lithographic	221	50	4.6	84.1	3.5	6.4	60.0	146.0	145.5	292.2	10.9	2.3
2761	Manifold business forms	14	11	1.0	19.3	8	1.4	12.6	51.5	50.1	101.8	2.0	9
278	Blankbooks and bookbinding	16	6	4	6.8	3	6	4.6	16.8	5.9	22.7	5	3
2782	Blankbooks and looseleaf binders	6	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2
279	Printing trade services	29	5	4	5.4	3	5	3.8	8.0	1.8	9.7	(D)	3
2791	Typesetting	21	4	3	4.5	3	4	3.2	6.3	1.3	7.5	(D)	2

Iowa industrial statistics by SIC code (continued)

		1982											1977
		All establishments[1]		All employees		Production Workers							
SIC Code	Industry	Total (number)	With 20 employees or more (number)	Number[1] (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)	Value added by manufacture[1] (million dollars)	Cost of materials[1] (million dollars)	Value of shipments[1] (million dollars)	New capital expenditures (million dollars)	All employees[1] (1,000)
28	Chemicals and allied products	124	43	5.7	133.9	3.4	6.9	70.6	1,077.9	1,245.1	2,325.3	52.0	5.5
281	Industrial inorganic chemicals	18	5	.5	12.2	.3	.7	6.8	23.6	101.2	127.2	4.6	AA
2819	Industrial inorganic chemicals, n.e.c.	8	5	.5	11.2	.3	.6	6.3	18.2	98.0	118.8	3.6	(NA)
282	Plastics materials and synthetics	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
2821	Plastics materials and resins	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
283	Drugs	20	8	1.1	24.5	.5	1.0	9.4	101.8	60.4	161.9	4.8	1.0
2831	Biological products	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
2834	Pharmaceutical preparations	11	6	.9	19.9	.4	.7	6.7	52.1	27.4	79.3	(D)	.9
284	Soaps, cleaners, and toilet goods	19	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0
2844	Toilet preparations	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
2851	Paints and allied products	12	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6
286	Industrial organic chemicals	11	3	.3	6.2	.2	.3	2.5	26.3	27.7	56.4	1.3	CC
2869	Industrial organic chemicals, n.e.c.	10	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
287	Agricultural chemicals	31	13	1.7	40.3	1.0	2.0	21.9	433.8	610.3	1,033.2	25.1	1.3
2873	Nitrogenous fertilizers	5	5	.8	18.6	.4	.8	8.6	68.9	300.7	355.6	12.3	.5
2875	Fertilizers, mixing only	15	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3
2879	Agricultural chemicals n.e.c.	10	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
289	Miscellaneous chemical products	12	2	.2	4.9	.2	.3	3.2	22.0	32.0	52.3	.6	.5
2899	Chemical preparations, n.e.c.	8	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
29	Petroleum and coal products	14	5	.2	3.3	.1	.2	1.7	10.8	18.1	29.0	(D)	AA
30	Rubber and miscellaneous plastics products	119	50	8.9	181.2	6.8	12.3	130.0	482.3	435.3	926.6	29.4	11.6
3011	Tires and inner tubes	4	4	3.1	80.4	2.4	4.2	59.5	204.4	186.4	394.1	11.2	4.2
3041	Rubber and plastics hose and belting	4	3	.3	5.3	.2	.5	3.9	14.2	15.9	32.5	.3	AA
3069	Fabricated rubber products, n.e.c.	12	5	1.2	22.6	.9	1.8	16.4	41.8	39.0	81.6	3.4	EE
3079	Miscellaneous plastics products	99	38	4.2	72.9	3.3	5.7	50.1	221.9	194.0	418.5	14.5	5.5
31	Leather and leather products	18	12	.7	6.6	.6	.9	4.4	12.4	21.3	34.2	(D)	CC
3111	Leather tanning and finishing	8	5	.3	2.8	.2	.3	1.9	5.3	13.8	19.3	.3	BB
3151	Leather gloves and mittens	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
32	Stone, clay, and glass products	332	54	4.8	92.3	3.7	7.2	63.8	229.8	323.6	551.4	26.9	6.9
3231	Products of purchased glass	13	3	.3	4.6	.2	.5	3.6	8.7	10.7	18.8	.2	.4
3241	Cement, hydraulic	5	4	.7	18.0	.5	1.1	13.8	43.7	42.5	86.5	9.1	1.1
325	Structural clay products	6	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7
3251	Brick and structural clay tile	5	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
327	Concrete, gypsum, and plaster products	284	39	3.1	55.2	2.2	4.4	36.5	115.7	154.8	269.7	14.9	FF
3271	Concrete block and brick	24	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
2372	Concrete products, n.e.c.	71	10	.7	11.6	.5	1.0	7.7	22.8	17.2	39.9	(D)	1.0
3273	Ready-mixed concrete	182	22	1.5	25.7	1.1	2.0	17.0	56.5	76.6	133.4	4.7	1.9
3275	Gypsum products	5	5	.7	13.6	.5	1.1	9.6	26.1	50.1	75.4	(D)	.8
329	Miscellaneous nonmetallic mineral products	12	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
3291	Abrasive products	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
33	Primary metal industries	72	36	8.2	202.0	6.3	11.8	142.6	217.6	836.9	1,105.2	56.5	8.4
331	Blast furnance and basic steel products	6	5	.9	20.6	.6	1.3	14.9	48.2	103.3	154.7	10.3	CC
3312	Blast furnances and steel mills	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3313	Electrometallurgical products	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
3317	Steel pipe and tubes	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
332	Iron and steel foundries	22	16	2.0	36.6	1.6	2.5	26.0	65.9	63.4	131.5	(D)	3.1
3321	Gray iron foundries	12	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6
3322	Malleable iron foundries	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3325	Steel foundries, n.e.c.	8	5	.9	17.0	.7	1.1	12.9	34.8	31.3	67.7	(D)	EE
335	Nonferrous rolling and drawing	4	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	FF
3353	Aluminum sheet, plate, and foil	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	FF
336	Nonferrous foundries	29	9	EF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3
3361	Aluminum foundries	18	6	.6	10.7	.5	.8	7.3	15.3	13.4	29.4	(D)	.8
3369	Nonferrous foundries	8	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
34	Fabricated metal products	282	121	17.4	338.0	11.8	21.0	189.4	763.4	577.2	1,341.8	32.1	20.7
341	Metal cans and shipping containers	5	3	.3	6.8	.3	.6	5.7	25.9	46.9	72.3	(D)	AA
3411	Metal cans	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
342	Cutlery, hand tools, and hardware	30	8	.9	13.7	.6	1.1	8.6	37.3	22.3	61.5	.6	.8
3421	Cutlery	10	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
3423	Hand and edge tools, n.e.c.	10	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4
3429	Hardware, n.e.c.	10	2	.2	3.0	.2	.3	2.0	10.5	7.9	19.4	(D)	.3
343	Plumbing and heating, except electric	12	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1
3433	Heating equipment, except electric	10	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
344	Fabricated structural metal products	116	50	4.3	74.6	3.0	5.8	44.9	145.2	201.6	351.8	8.5	FF
3441	Fabricated structural metal	28	14	1.3	22.7	.7	1.5	11.5	28.7	55.0	87.5	1.8	1.4
3442	Metal doors, sash, and trim	21	8	1.0	16.2	.8	1.6	11.9	30.6	37.6	69.5	2.6	1.5
3443	Fabricated plate work (boiler shops)	18	8	.5	8.1	.4	.7	5.4	19.7	20.9	40.2	1.6	.9
3444	Sheet metal work	24	8	.6	10.7	.4	.8	6.5	29.9	35.8	65.2	1.1	1.0

Iowa industrial statistics by SIC code (continued)

		1982											1977
		All establishments[1]		All employees		Production Workers							
SIC Code	Industry	Total (number)	With 20 employees or more (number)	Number[1] (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)	Value added by manufacture[1] (million dollars)	Cost of materials[1] (million dollars)	Value of shipments[1] (million dollars)	New capital expenditures (million dollars)	All employees[1] (1,000)
3448	Prefabricated metal buildings	10	7	6	10.1	4	8	5.5	21.4	36.6	57.6	1.1	7
3449	Miscellaneous metal work	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
345	Screw machine products, bolts, etc	17	10	8	12.9	6	1.1	8.0	27.8	26.1	53.6	1.5	8
3451	Screw machine products	11	6	5	7.6	3	6	4.8	17.6	13.8	30.8	9	CC
3452	Bolts, nuts, rivets, and washers	6	4	4	5.4	2	4	3.2	10.2	12.3	22.7	5	AA
346	Metal forgings and stampings	29	13	2.1	34.9	1.6	2.8	22.5	88.7	54.9	143.8	4.4	2.8
3462	Iron and steel forgings	6	3	3	5.5	2	3	3.6	11.9	6.5	18.2	(D)	AA
3465	Automotive stampings	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
3469	Metal stampings, n.e.c.	19	7	1.3	22.0	1.0	1.6	13.0	57.5	29.7	87.4	3.0	2.4
348	Ordnance and accessories, n.e.c.	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
3483	Ammunition, except for small arms, n.e.c.	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
349	Miscellaneous fabricated metal products	56	30	7.0	154.3	4.0	7.4	75.8	349.1	189.5	532.5	14.9	6.8
3494	Valves and pipe fittings	12	8	4.4	104.4	2.3	4.2	48.9	243.6	122.5	354.9	11.7	4.5
3495	Wire springs	4	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
3496	Miscellaneous fabricated wire products	13	7	6	9.3	4	6	6.3	19.3	13.0	32.8	1.3	4
3499	Fabricated metal products, n.e.c.	25	11	1.9	37.6	1.1	2.2	18.2	81.2	47.1	132.7	1.8	1.8
35	Machinery, except electrical	562	204	49.5	1,230.1	31.0	56.2	737.6	3,347.0	2,907.2	6,195.5	138.0	61.5
351	Engines and turbines	10	10	2.3	62.1	1.6	2.9	40.1	150.8	248.3	400.5	8.0	2.7
3511	Turbines and turbine generator sets	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
3519	Internal combustion engines, n.e.c.	9	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.7
352	Farm and garden machinery	157	66	19.2	528.5	13.1	24.2	341.2	1,606.0	1,389.6	3,014.5	60.3	25.6
3523	Farm machinery and equipment	155	65	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	FF
3524	Lawn and garden equipment	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
353	Construction and related equipment	61	39	15.7	398.6	9.5	15.3	216.9	1,020.2	918.5	1,798.3	49.8	20.0
3531	Construction machinery	34	21	14.4	373.4	8.7	14.0	204.8	969.2	873.7	1,703.3	47.6	18.8
3532	Mining machinery	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
3535	Conveyors and conveying equipment	12	8	5	9.0	3	6	4.9	19.3	21.3	40.9	5	6
3536	Hoists, cranes, and monorails	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3
3537	Industrial trucks and tractors	7	3	3	4.9	1	2	1.7	11.1	6.0	16.2	1	3
354	Metalworking machinery	77	22	1.8	36.9	1.2	2.3	22.1	58.0	31.3	90.4	2.1	2.3
3541	Machine tools, metal cutting types	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5
3544	Special dies, tools, jigs, and fixtures	50	11	6	13.1	5	9	10.6	16.8	9.2	26.9	1.1	6
3545	Machine tool accessories	10	4	2	5.1	2	4	3.2	9.3	4.9	14.1	5	AA

Iowa industrial statistics by SIC code (continued)

SIC Code	Industry	1982											1977
		All establishments[1]		All employees		Production Workers							
		Total (number)	With 20 employees or more (number)	Number[2] (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)	Value added by manufacture[4] (million dollars)	Cost of materials[5] (million dollars)	Value of shipments[5] (million dollars)	New capital expenditures (million dollars)	All employees[2] (1,000)
3546	Power driven hand tools	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3549	Metalworking machinery, n.e.c.	8	3	.2	3.6	.1	.2	1.7	8.4	4.8	13.3	.2	.4
355	Special industry machinery	34	15	2.3	53.9	1.4	2.6	31.4	164.3	93.5	264.4	4.3	2.4
3551	Food products machinery	11	6	1.2	26.6	.6	1.1	13.6	68.9	23.4	93.6	(D)	1.2
3555	Printing trades machinery	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3559	Special industry machinery, n.e.c.	20	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
356	General industrial machinery	53	19	3.5	68.9	2.1	3.7	39.0	181.1	98.5	283.6	8.1	3.5
3561	Pumps and pumping equipment	10	5	2.2	45.5	1.2	2.1	23.0	140.9	64.6	208.0	(D)	2.5
3562	Ball and roller bearings	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
3564	Blowers and fans	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
3566	Speed changers, drives, and gears	6	4	.2	3.3	.1	.2	2.0	5.6	3.4	9.5	.1	AA
3568	Power transmission equipment, n.e.c.	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA
3569	General industrial machinery, n.e.c.	17	3	.2	2.8	.1	.2	1.6	4.4	4.3	8.8	.1	.2
357	Office and computing machines	8	4	.6	10.0	.2	.3	3.9	17.2	8.0	23.4	.8	BB
3573	Electronic computing equipment	7	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
358	Refrigeration and service machinery	20	12	2.2	40.8	1.4	2.6	23.8	94.7	80.3	175.0	1.4	2.7
3581	Automatic merchandising machines	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3582	Commercial laundry equipment	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3585	Refrigeration and heating equipment	5	4	1.1	22.7	.7	1.4	13.6	58.6	47.3	107.6	.8	1.4
3586	Measuring and dispensing pumps	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3589	Service industry machinery, n.e.c.	10	3	.3	6.4	.2	.3	2.9	15.0	11.2	26.1	.3	.4
359	Miscellaneous machinery, except electrical	142	17	1.9	30.4	1.3	2.3	19.3	54.8	39.2	95.8	3.2	EE
3599	Machinery, except electrical, n.e.c.	141	17	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
36	Electric and electronic equipment	100	53	22.0	438.1	13.2	24.1	213.3	1,087.0	767.2	1,867.1	58.4	23.6
361	Electric distributing equipment	10	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
3612	Transformers	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
3613	Switchgear and switchboard apparatus	8	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
362	Electrical industrial apparatus	15	7	1.0	15.0	.7	1.3	8.6	42.8	19.7	64.9	1.6	.7
3621	Motors and generators	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3622	Industrial controls	8	4	.7	10.8	.4	.9	5.9	29.7	11.6	42.5	(D)	BB
363	Household appliances	10	7	4.8	94.1	3.5	6.0	63.4	301.5	319.8	632.8	9.1	FF
3631	Household cooking equipment	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	
3633	Household laundry equipment	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	FF
364	Electric lighting and wiring equipment	7	3	.3	5.5	.3	.6	3.8	7.5	11.4	19.1	(D)	.2
3644	Noncurrent-carrying wiring devices	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
365	Radio and TV receiving equipment	6	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7
3652	Phonograph records and prerecorded tape	4	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
366	Communication equipment	9	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	FF
3662	Radio and TV communication equipment	9	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	FF
367	Electric components and accessories	30	14	2.3	33.8	1.6	3.3	22.1	64.0	45.1	109.5	17.4	3.1
3676	Electronic resistors	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
3677	Electronic coils and transformers	4	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8
3679	Electronic components, n.e.c.	21	6	1.0	15.5	.6	1.3	8.4	31.6	27.8	59.6	(D)	CC
369	Miscellaneous electrical equip. & supplies	13	9	1.9	34.6	1.6	2.8	27.6	99.9	97.6	200.4	6.3	1.5
3691	Storage batteries	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3692	Primary batteries, dry and wet	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
3694	Engine electrical equipment	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
37	Transportation equipment	89	36	5.3	90.4	3.9	7.2	56.0	214.0	286.3	498.1	17.5	FF
371	Motor vehicles and equipment	61	31	4.6	78.5	3.4	6.3	48.0	186.8	263.2	448.4	(D)	7.1
3713	Truck and bus bodies	19	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9
3714	Motor vehicle parts and accessories	25	13	1.8	28.0	1.4	2.5	20.8	78.1	68.4	150.6	4.0	2.0
3715	Truck trailers	8	5	.6	10.3	.4	.8	6.4	13.1	51.4	64.8	1.1	CC
3716	Motor homes prod. on purchased chassis	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	FF
372	Aircraft and parts	6	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3724	Aircraft engines and engine parts	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
379	Miscellaneous transportation equipment	16	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3799	Transportation equipment, n.e.c.	9	4	.2	4.2	.2	.4	2.7	8.4	12.3	20.5	(D)	AA
38	Instruments and related products	39	10	1.9	36.1	1.2	2.3	20.8	95.5	35.1	131.2	4.3	2.9
3811	Engineering and scientific instruments	5	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8
382	Measuring and controlling devices	13	4	.9	15.1	.6	1.1	10.5	34.1	13.0	48.2	.8	1.5
3822	Environmental controls	3	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
3823	Process control instruments	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
3832	Optical instruments and lenses	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
39	Miscellaneous manufacturing industries	120	36	5.9	88.1	3.6	6.9	47.9	184.8	146.3	33.9	8.5	5.4
394	Toys and sporting goods	29	12	2.0	31.1	1.4	2.5	17.2	71.1	61.8	131.6	3.8	1.9
3944	Games, toys, and children's vehicles	5	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
3949	Sporting and athletic goods, n.e.c.	23	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
395	Pens, pencils, and office and art supplies	8	6	1.4	20.8	1.0	2.1	13.8	49.1	32.4	84.1	(D)	1.6
3951	Pens and mechanical pencils	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE
3953	Marking devices	5	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
396	Costume jewelry and notions	7	5	.2	2.7	.2	.3	1.7	4.0	3.8	8.0	(D)	BB
3963	Buttons	4	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB
399	Miscellaneous manufactures	67	12	2.2	32.8	1.0	1.9	14.8	59.3	47.1	107.6	1.9	1.5
3991	Brooms and brushes	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC
3993	Signs and advertising displays	33	4	1.3	20.1	.3	.7	5.4	32.0	28.0	60.6	.5	.7
3999	Manufacturing industries, n.e.c.	28	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3
—	Auxiliaries	75	31	3.7	92.9	—	—	—	—	—	—	—	4.8

[1] Includes establishments with payroll at any time during year.

[2] The following employee size ranges substitute for actual employement withheld to avoid disclosure: AA - 150 to 249 employees; BB - 250 to 499 employees; CC - 500 to 999 employees; EE - 1,000 to 2,499 employees; FF - 2,500 employees or more.

[3] (D) Data not used to avoid disclosure of individual companies.

[4] Value added by manufacture for 1982 is computed using inventory reported at cost or market prior to any adjustment to LIFO cost.

[5] Aggregate of cost of materials and value of shipments include extensive duplication since products of some industries are used as materials by others.

Source: 1982 Census of Manufacturers, Bureau of the Census, U.S. Department of Commerce.

U.S. industrual statistics, 1984

	All establishments[1]		All employees[1]		Production workers					
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	New capital expenditures (million dollars)
United States	(NA)	(NA)	19,137.3	428,628.8	12,580.8	24,597.2	231,975.9	1,288,366.2	2,253,724.3	75,241.5
Alabama	(NA)	(NA)	340.8	6,024.7	267.0	520.5	4,172.8	21,838.8	36,301.9	1,300.1
Alaska	(NA)	(NA)	9.0	240.2	6.9	13.4	163.3	1,707.1	2,365.4	89.1
Arizona	(NA)	(NA)	160.2	3,670.0	93.2	179.8	1,653.7	7,918.6	15,910.1	841.0
Arkansas	(NA)	(NA)	200.0	3,320.9	157.9	302.6	2,308.4	14,021.2	22,851.8	619.5
California	(NA)	(NA)	2,038.0	48,863.7	1,231.2	2,401.5	23,014.6	115,606.7	221,391.8	8,757.1
Colorado	(NA)	(NA)	191.0	4,646.0	105.8	209.7	2,109.7	11,543.4	21,336.6	849.9
Connecticut	(NA)	(NA)	419.3	10,258.9	239.6	483.2	4,569.2	15,286.6	34,918.7	1,210.2
Delaware	(NA)	(NA)	69.0	2,010.5	32.9	65.5	673.0	6,762.1	9,648.2	283.1
District of Columbia	(NA)	(NA)	15.2	410.2	5.7	10.4	127.6	608.6	1,695.6	47.3
Florida	(NA)	(NA)	467.7	9,050.7	300.9	584.6	4,470.7	26,527.5	47,803.6	1,799.8
Georgia	(NA)	(NA)	541.8	9,689.6	398.6	783.1	6,014.2	36,923.6	61,616.7	2,127.0
Hawaii	(NA)	(NA)	22.5	383.3	15.6	29.3	223.3	2,330.4	3,409.6	69.4
Idaho	(NA)	(NA)	49.5	1,016.1	35.9	68.2	642.9	3,677.2	6,210.4	249.6
Illinois	(NA)	(NA)	1,055.7	25,173.7	671.4	1,310.4	13,366.7	71,303.0	125,791.0	3,363.9
Indiana	(NA)	(NA)	608.5	14,485.3	430.4	851.7	9,188.1	43,668.5	76,947.7	2,627.9
IOWA	(NA)	(NA)	202.4	4,581.0	136.7	264.1	2,770.6	20,298.8	33,515.9	655.6
Kansas	(NA)	(NA)	184.5	4,058.8	121.3	239.7	2,339.8	20,258.7	30,633.4	939.2
Kentucky	(NA)	(NA)	251.4	5,334.3	182.7	361.3	3,374.8	22,825.1	37,436.3	1,173.7
Louisiana	(NA)	(NA)	181.5	4,226.7	124.3	250.9	2,634.1	41,875.0	55,035.3	1,847.8
Maine	(NA)	(NA)	108.0	2,015.6	83.7	159.6	1,396.6	5,201.7	9,928.8	514.4
Maryland	(NA)	(NA)	229.1	5,331.0	144.4	281.8	2,867.4	12,388.9	23,557.5	1,013.3
Massachuestts	(NA)	(NA)	657.0	14,488.3	397.4	773.1	6,706.7	28,051.0	58,643.5	2,152.5
Michigan	(NA)	(NA)	944.2	27,403.2	637.5	1,320.0	16,279.3	77,749.3	130,082.2	4,239.2
Minnesota	(NA)	(NA)	372.5	8,930.5	216.2	419.0	4,106.3	23.763.2	42,760.1	1,549.3
Mississippi	(NA)	(NA)	206.6	3,271.9	162.4	313.3	2,243.1	13,692.8	22,374.7	635.4
Missouri	(NA)	(NA)	414.6	9,351.0	268.2	518.8	5,032.3	31,145.8	52,746.7	1,509.8
Montana	(NA)	(NA)	22.2	447.0	16.3	32.7	313.9	2,806.6	3,797.0	74.2
Nebraska	(NA)	(NA)	92.2	1,814.2	65.6	131.5	1,160.3	9,887.5	15,064.4	269.3
Nevada	(NA)	(NA)	19.1	371.4	12.3	22.9	202.1	867.6	1,769.6	51.6
New Hampshire	(NA)	(NA)	113.5	2,137.7	80.5	154.6	1,244.3	4,004.7	8,769.1	353.1
New Jersey	(NA)	(NA)	738.2	17,269.2	430.7	844.2	7,888.3	41,546.0	77,745.2	2,286.7
New Mexico	(NA)	(NA)	31.3	564.6	20.7	39.9	314.0	2,658.1	3,911.9	286.2
New York	(NA)	(NA)	1,347.2	31,388.2	794.3	1,512.3	13,947.1	62,746.4	133,924.8	4,342.3
North Carolina	(NA)	(NA)	828.2	14,026.2	627.0	1,203.5	8,686.2	42,690.1	78,761.0	3,114.3
North Dakota	(NA)	(NA)	14.0	258.2	9.2	17.7	149.4	1,859.9	2,590.7	58.8
Ohio	(NA)	(NA)	1.126.4	28,572.9	736.7	1,480.5	16,524.5	79,831.1	141,552.5	3,979.6
Oklahoma	(NA)	(NA)	173.8	4,011.4	109.9	216.0	2,154.3	16,137.0	24,502.4	576.3
Oregon	(NA)	(NA)	191.0	4,232.3	136.3	261.3	2,668.2	11,471.3	20,973.2	614.1
Pennsylvania	(NA)	(NA)	1,126.4	24,422.7	751.0	1,449.1	13,564.1	61,473.3	112,400.9	3,557.6
Rhode Island	(NA)	(NA)	113.8	1,977.9	83.2	161.0	1,190.7	4,226.8	8,497.6	232.8
South Carolina	(NA)	(NA)	365.1	6,352.9	279.8	550.1	4,155.4	19,156.5	33,958.2	1,693.2
South Dakota	(NA)	(NA)	26.9	438.9	20.9	39.6	301.4	2,189.7	3,511.8	91.8
Tennessee	(NA)	(NA)	477.0	8,582.9	353.2	683.4	5,490.8	28,025.1	49,468.3	1,641.3
Texas	(NA)	(NA)	975.1	22,018.7	615.5	1,218.0	11,236.2	121,101.1	175,867.9	5,606.6
Utah	(NA)	(NA)	89.7	1,840.4	58.5	112.6	982.7	6,039.7	10,262.3	393.1
Vermont	(NA)	(NA)	44.2	910.5	29.0	54.7	457.0	1,751.4	3,804.0	253.2
Virginia	(NA)	(NA)	407.9	7,919.1	299.2	581.9	4,972.2	23,211.9	43,908.2	1,515.4
Washington	(NA)	(NA)	277.3	7,225.0	171.4	318.5	3,678.0	24,479.4	38,599.1	1,431.4
West Virginia	(NA)	(NA)	87.1	1,986.6	62.4	119.2	1,239.9	6,167.0	10,762.6	421.6
Wisconsin	(NA)	(NA)	501.2	11,450.8	343.1	664.5	6,896.9	35,154.0	61,997.6	1,900.1
Wyoming	(NA)	(NA)	8.5	172.8	5.8	11.7	108.3	1,910.6	2,410.5	31.9

[1] Includes auxiliaries

[2] Aggregate of cost of materials and value of shipments includes extensive duplication, since products of some industries are used as materials by others

Souce: Annual Survey of Manufacturers, U.S. Department of Commerce

Insurance

Insurance companies based in Iowa (dollars in thousands)

	1965	1970	1975	1980	1983	1984	1985
Life Companies							
Number	29	29	28	35	38	36	34
Admitted assets	$ 3,105,280	$ 4,223,141	$ 6,565,897	$12,836,050	$ 17,602,900	$ 19,478,852	$ 22,350,050
Total income	640,652	961,904	1,754,093	3,602,457	5,336,928	6,417,328	7,411,302
Life premiums	317,730	466,722	896,234	1,399,880	1,350,694	1,518,622	1,787,011
Accident-health	109,358	192,334	323,564	714,887	1,176,633	1,349,397	1,458,455
Total disbursements	444,496	708,793	1,206,172	2,380,849	3,777,780	4,501,436	5,133,963
Direct benefits	212,267	337,543	534,119	840,036	1,569,179	1,865,139	2,117,859
Iowa business in force	2,914,357	4,987,814	5,618,159	1,080,420	16,536,189	18,342,660	19,879,872
Total business in force	13,097,593	22,469,072	40,218,032	93,025,891	111,293,591	127,243,670	140,247,205
Fire, Casualty, Multiple Line Companies							
Number	46	41	42	49	58	60	59
Admitted assets	$ 352,149	$ 561,444	$ 946,412	$ 2,530,505	$ 3,090,154	$ 3,129,815	$ 3,159,554
Total liabilities	225,681	382,558	655,550	1,713,203	2,008,614	2,124,215	2,142,025
Total premiums	252,155	421,012	719,164	1,416,334	1,513,954	1,592,823	1,525,929
Total direct losses	147,199	244,086	402,297	836,870	1,005,994	1,242,669	1,264,334
Net income	4,682	22,300	597	154,888	91,797	(21,169)	1,018

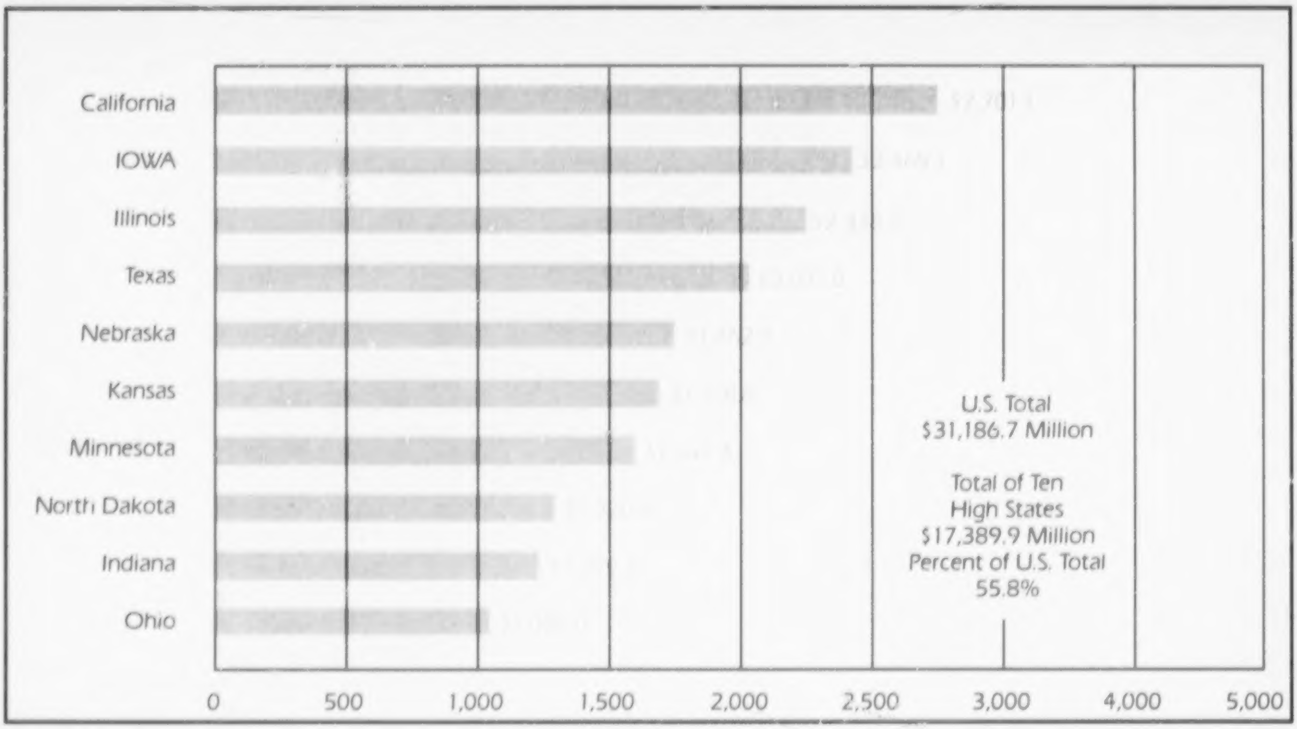
Source: Annual Report; Insurance Department, State of Iowa.

Insurance companies doing business in Iowa (dollars in thousands)

	1965	1970	1975	1980	1983	1984	1985
Life Insurance							
Life considerations	$ 222,335	$ 309,870	$ 434,581	$ 510,024	$ 669,604	$ 716,827	$ 64,170
Direct claims and benefits	108,378	155,075	188,382	333,045	449,785	497,708	377,706
In force December 31	11,548,791	18,082,838	25,346,285	31,329,457	62,908,920	67,924,600	49,051,801
Accident and Health							
Total premiums	99,309	164,701	231,070	340,943	460,344	478,500	313,704
Group premiums	—	100,447	148,272	228,478	306,059	316,242	171,693
Total claims	66,950	120,896	203,168	242,179	302,472	290,583	172,202
Group claims	—	88,066	124,931	189,299	228,814	211,297	109,598
Fire, Casualty, Multiple Line							
Total Premiums	251,676	385,706	652,630	1,368,433	1,257,715	1,313,335	1,088,489
Fire	23,412	30,442	38,104	45,235	33,305	38,343	30,744
Homeowners	22,697	35,509	65,556	114,433	125,288	126,012	79,583
Auto Liability (BI, PD)	60,618	89,424	141,975	260,185	268,932	277,002	190,036
Auto Physical damage	41,988	66,195	95,412	206,670	208,018	217,450	146,374
Workers' compensation	16,543	27,134	69,048	191,169	162,511	142,179	128,572
Total direct losses	136,127	203,300	342,009	753,361	678,335	804,555	572,058
Fire	10,853	14,079	15,028	20,547	17,273	14,872	9,065
Homeowners	12,803	19,542	30,457	104,986	60,049	76,267	45,501
Auto liability (BI, PD)	36,502	57,240	88,941	128,602	163,649	182,449	116,315
Auto Physical damage	23,121	39,406	72,796	142,572	122,034	139,900	85,530
Workers' compensation	9,525	15,198	30 700	79,751	95,933	105,496	98,339

Source: Annual Report, Insurance Department, State of Iowa.

Ten leading states in agricultural exports ($ millions)



U.S. Total
$31,186.7 Million

Total of Ten
High States
$17,389.9 Million
Percent of U.S. Total
55.8%

*Year ending September 30

Source: May/June, 1986, FATUS, U.S.D.A.

Value of agricultural exports, Iowa (millions)

	(Fiscal Year October-September)					
	1970	**1975**	**1980**	**1983[1]**	**1984[1]**	**1985**
All Commodities	$515.1	$1,723.5	$3,270.3	$2,859.9	$3,283.6	$2,469.1
Wheat and Products	.8	5.4	8.0	7.1	5.0	6.5
Feed Grains[2]	145.5	787.1	1,627.3	1,363.4	1,553.9	1,358.3
Soybeans and Products	170.7	489.8	1,180.2	1,088.5	1,285.7	749.0
Fruit and Preparations	0.0	.1	.3	0.0	0.0	0.0
Vegetables and Preparations	.1	.5	1.0	1.4	1.2	1.4
Dairy Products	8.7	12.0	11.9	10.8	11.8	12.4
Live Animals and Meats[3]	24.5	60.3	95.3	123.1	119.4	93.3
Hides and Skins	12.6	24.4	62.3	79.0	109.5	83.7
Poultry Products	2.1	2.4	6.2	6.7	4.7	4.6
Oats, Oils and Greases	24.8	38.4	54.2	55.5	65.3	43.3
Feeds and Fodders	—	—	—	53.7	51.5	50.6
Others[4]	52.6	128.8	223.6	70.7	75.6	66.1

[1] Revised

**Includes wheat, wheat flour and bulgar wheat

[2] Includes corn, barley, oats, grain sorghum, rye, corn gluton feed, corn-soy blends, corn oil, popcorn and other coarse grain products

[3] Does not include poultry

[4] Includes seeds, feeds and fodder, and miscellaneous animal products

Source: May/June, 1986, FATUS, U.S.D.A.

Value of agricultural exports, U.S. (millions)

	(Fiscal Year October-September)					
	1970	**1975**	**1980**	**1983[1]**	**1984[1]**	**1985**
All Commodities	$6,721.4	$21,854.3	$40,480.5	$34,769.5	$38,026.8	$31,186.7
Wheat and Products	941.6	5,236.8	6,632.7	6,223.1**	6,783.2**	1,525.8
Feed Grains[2]	987.3	4,858.3	9,628.1	7,342.8	9,076.0	7,584.9
Soybeans and Products	1,069.0	2,988.7	8,587.8	7,776.4	7,548.1	5,267.7
Fruits and Preparations	343.2	674.6	1,299.7	1,374.3	1,270.2	1,200.1
Vegetables and Preparations	196.8	533.9	954.2	989.5	998.5	945.8
Dairy Products	109.1	143.0	156.3	348.9	393.5	413.2
Live Animals and Meats[3]	152.8	381.9	870.7	1,187.8	1,205.9	1,160.9
Hides and Skins	158.4	393.3	1,115.3	997.5	1,317.8	1,324.6
Poultry Products	76.0	112.0	546.5	451.1	412.8	392.8
Oats, Oils and Greases	208.[illegible]	40[illegible]	784.4	593.2	703.2	607.9
Feeds and Fodders	—	—	—	563.3	550.0	473.3
Other[4]	650.2	1,632.9	2,767.5	1,720.3	1,828.5	1,767.3

[1] Revised

** Includes wheat, wheat flour and bulgar wheat

[2] Includes corn, barley, oats, grain sorghum, rye, corn, gluton feed, corn-soy blends, corn oil, popcorn and other coarse grain products.

[3] Does not include poultry

[4] Includes seeds, feeds and fodder, and miscellaneous animal products

Source: May/June, 1986, FATUS,U.S.D.A.

Value of agricultural exports, midwest

Twelve midwest states account for 52.4% of total U.S. agricultural exports in 1985.

U.S. $31,186.7 (figures in millions)

1985*		**1985***	
Illinois	$2,338.7	Missouri	858.3
Indiana	1,295.2	Nebraska	1,762.3
IOWA	2,469.1	North Dakota	1,320.8
Kansas	1,7[illegible]8	Ohio	1,058.0
Michigan	516.3	South Dakota	683.7
Minnesota	1,647.3	Wisconsin	669.2

*Year ending September 30.

Source: May/June, 1986, FATUS, U.S.D.A.

Leading states for agricultural exports, 1985[1] (millions)

Selected Commodities	United States	5 Leading States				
		1	2	3	4	5
All Commodities	$31,186.7	Calif. 2,701.7	IOWA 2,469.9	Ill. 2,338.7	Texas 2,031.0	Nebr. 1,762.3
Soybeans and Products[2]	5,267.7	Ill. 804.3	IOWA 749.0	Minn. 489.5	Ind. 424.8	Ohio 389.5
Feed Grains and Products[3]	7,584.9	IOWA 1,358.3	Ill. 1,194.9	Neb. 902.8	Minn. 668.5	Ind. 663.7
Hides and Skins	1,324.6	Tex. 202.3	Kans. 174.4	Nebr. 173.1	IOWA 83.7	Colo. 67.2
Live Animals and Meats[4]	1,160.9	Texas 160.9	Nebr. 134.2	Kansas 130.0	Ky. 100.9	IOWA 93.3
Fats, Oils and Greases	607.9	Texas 104.6	Kansas 90.2	Nebr. 89.5	IOWA 43.3	Colo. 34.7
Feed and Fodders[5]	473.3	IOWA 50.6	Nebr. 43.7	Ill. 41.0	Minn. 40.6	Fl. 32.2

[1] Fiscal year ending September 30.

[2] Includes soybean oil and protein meal.

[3] Includes corn, barley, oats, grain sorghum, rye, corn gluten feed, corn-soy blends, corn oil, popcorn and other coarse grain products.

[4] Excludes poultry.

[5] Includes corn byproducts, alfalfa meal and cubes, beet pulp, citrus pulp pellets and other feeds and fodders.

Source: May/June, 1986, FATUS, U.S.D.A.

Iowa's top 15 agricultural export customers, 1984

	Soybeans & Products	Feed Grains & Products*	Feed & Fodders**	Meat Products	Totals
1. Japan	$222,301,300	$441,936,600	$13,392,800	$49,395,100	$733,497,200
2. Mexico	105,557,600	154,350,600	691,600	3,508,000	274,853,100
3. Netherlands	183,389,400	19,583,700	44,984,500	1,626,000	254,586,600
4. U.S.S.R	21,420,500	184,424,200	—	—	214,852,600
5. Spain	90,324,200	69,645,400	20,100	116,900	161,789,100
6. Taiwan	70,779,200	83,354,800	2,350,500	653,200	159,044,900
7. Belgium-Luxemburg	50,001,300	62,272,000	285,100	2,492,500	115,651,400
8. Fed. Rep. of Germany	97,104,500	3,009,300	12,916,800	320,600	114,682,000
9. South Korea	39,637,500	88,911,100	348,400	839,600	99,769,100
10. Portugal	35,418,000	61,166,200	201,700	1,700	97,897,500
11. Rep. of South Africa	400,700	75,886,000	37,200	8,400	77,312,500
12. Italy	47,126,800	10,132,800	629,100	17,472,700	75,783,000
13. Venezuela	32,100,400	38,913,100	160,900	479,300	73,724,400
14 Egypt	2,485,500	38,345,100	141,300	2,474,800	59,547,700
15. Canada	36,129,000	7,728,900	3,589,700	8,503,400	58,035,700

*Includes barley, corn, oats, and sorghum grain.

**Includes corn gluten meal, alfalfa and alfalfa meal, formula feeds, citrus pulp, pellets and meat.

These figures were derived from the contribution of state and region to national output and/or sales. They do not show exports, but reflect the common stake of state and region in the national export total.

Source: May/June, 1985 FATUS,U.S.D.A. Compiled by Marketing Division, Iowa Department of Agriculture.

Manufactured exports, Iowa (millions)

SIC Code	Product Category	1960	1966	1976	1980	1981	1983
	Total Exports	$211.4	$336.9	$1,499.3	$2,844.8	$2,705.0	$1,806.6
20	Food and Kindred Products	51.4	58.6	262.1	369.6	450.4	552.0
21	Tobacco Manufactures	—	—	—	—	—	—
22	Textile Mill Productsc	—	—	—	.9	.4	2.2
23	Apparel & Other Textile Mill Products	.7	T	—	2.2	5.7	1.6
24	Lumber & Wood Products	1.0	T	12.1	16.6	20.9	1.5
25	Furniture & Fixtures	.2	S	.9	.8	1.5	3.5
26	Paper & Allied Products	—	S	7.2	13.2	14.1	9.7
27	Printing & Publishing	1.3	T	6.8	4.3	5.2	12.7
28	Chemicals & Allied Products	3.8	9.3	83.9	410.0	300.7	143.1
29	Petroleum & Coal Products	—	.9	—	—	—	0.1
30	Rubber & Plastics	3.8	6.3	51.9	75.2	85.9	45.1
31	Leather & Leather Products	S	—	—	—	—	2.4
32	Stone, Clay & Glass	—	.1	3.1	4.8	5.2	2.5
33	Primary Metal Industries	2.3	U	24.2	187.2	137.5	71.0
34	Fabricated Metal Products	5.7	9.9	46.2	94.1	107.2	89.5
35	Machinery, except electrical	92.3	165.6	745.5	1,364.0	1,252.6	513.2
36	Electrical Equipment & Supplies	30.3	51.6	194.1	186.4	183.5	251.3
37	Transportation Euipment	S	3.2	20.3	—	—	30.2
38	Instruments & Related Products	—	T	7.6	10.7	10.9	10.9
39	Misc. Mfg.	12.2	14.7	28.6	59.6	59.2	63.3

S = Less than $1.0 million
T = $1.0 but less than $5.0 million
U = $5.0 but less than $10.0 million
V = $10.0 but less than $25.0 million

Source: Origin of Exports of Manufactured Products, Bureau of the Census, U.S. Department of Commerce

Manufactured exports, midwest states

Selected Midwest States	1981				1983			
	Total direct manufactured export (million dollars)	Supporting exports (million dollars)	Total export related (million dollars)	Manufacturing employment direct export related (1,000)	Total direct manufactured export (million dollars)	Supporting exports (million dollars)	Total export related (million dollars)	Manufacturing employment direct export related (1,000)
United States	164,283.1	107,419.5	271,702.6	1486.0	142,307.3	91,216.4	233,523.7	1,125.2
IOWA	2,705.0	1,235.4	3,940.4	19.3	1,806.6	1,065.6	2,872.2	12.2
Illinois	10,368.7	6,670.2	17,038.9	84.0	6,362.0	5,320.5	11,682.5	52.8
Indiana	5,008.1	4,684.1	9,692.2	45.2	4,000.4	4,183.7	8,184.1	30.5
Kansas	1,516.6	1,161.3	2,677.9	14.2	1,144.4	899.4	2,043.8	7.5
Michigan	10,275.0	5,237.3	15,512.3	74.4	10,391.0	4,917.6	15,308.6	58.0
Minnesota	2,729.5	1,405.1	4,134.6	26.3	2,578.9	1,302.0	3,880.9	22.3
Missouri	3,012.6	1,848.8	4,861.4	26.8	2,869.1	1,695.3	4,564.4	19.7
Nebraska	945.3	532.0	1,477.3	6.0	735.1	416.2	1,151.3	4.7
Ohio	10,352.6	7,779.7	18,132.3	96.1	8,352.7	6,752.2	15,104.9	68.4
South Dakota	185.2	81.8	267.0	1.2	152.8	71.8	224.6	0.7
Wisconsin	4,031.4	2,558.7	6,590.1	39.3	2,941.5	2,214.1	5,155.6	25.4

Source: Origin of Exports of Manufactured Products, 1981 and 1983 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce.

Economic contribution of manufactured Iowa exports, 1983

SIC Code		Value of manufacturers' shipment					Manufacturing employment				
		Total[1] (million dollars)	Direct exports[2] (million dollars)	Supporting exports[3] (million dollars)	Total export related[4] (million dollars)	Total export related as percent of total shipments	Total[5] (1,000)	Direct export related[6] (1,000)	Supporting exports[7] (1,000)	Total export related[8] (1,000)	Total export related as percent of total employment
		A	B	C	D	E	F	G	H	I	J
	IOWA	31,567.8	1,806.6	1,065.6	2,872.2	9.0	203.4	12.2	7.4	19.6	9.6
20	Food and kindred products	13,394.1	552.0	193.7	745.7	5.5	41.9	7	.6	1.3	3.1
22	Textile mill products	61.0	2.2	2.1	4.3	7.0	.9	(z)	(z)	(z)	(z)
23	Apparel and other textile products	125.0	1.6	1.3	2.9	2.3	3.7	(z)	(z)	(z)	(z)
24	Lumber and wood products	359.7	1.5	17.5	19.0	5.2	4.6	(z)	.2	.2	4.3
25	Furniture and fixtures	304.5	3.5	1.4	4.9	1.6	4.0	(z)	(z)	(z)	(z)
26	Paper and allied products	600.8	9.7	39.5	49.2	8.1	4.7	(z)	.3	.3	6.3
27	Printing and publishing	1,207.1	12.7	14.1	26.8	2.2	17.6	1	.2	.3	1.7
28	Chemicals, allied products	2,372.5	143.1	198.9	342.0	14.4	5.5	.4	.4	.8	14.5
30	Rubber, misc. plastic products	1,086.2	45.1	77.7	122.8	11.3	9.5	.3	7	1.0	10.5
32	Stone, clay, glass products	580.4	2.5	22.0	24.5	4.2	4.9	(z)	.2	.2	4.0
33	Primary metal industries	1,257.5	71.0	168.4	239.4	19.0	6.9	.2	1.0	1.2	17.3
34	Fabricated metal products	1,238.9	89.5	71.4	160.9	12.9	16.7	1.0	1.0	2.0	11.9
35	Machinery, except electric	5,505.7	513.2	173.1	686.3	12.4	43.0	4.6	1.5	6.1	14.1
36	Electric, electronic equipment	2,229.2	251.3	57.6	308.9	13.8	22.9	2.8	7	3.5	15.2
38	Instruments, related products	130.2	10.9	4.0	14.9	11.4	1.9	1	1	.2	10.5
39	Misc. manufacturing industries	344.3	63.3	3.3	66.6	19.3	5.2	1.1	(z)	1.1	21.1
—	Adminitrative and auxiliary	(x)	(x)	(x)	(x)	(x)	3.0	(x)	.3	.3	9.9

(x) = Not applicable

(z) = Less than one-half of the unit of measurement shown.

[1] Includes total domestic and export shipments for all manufacturing establishments.

[2] Includes only the value of manufactured products exported by the producing plants.

[3] Includes shipments of components, parts, supplies, etc., used by plants producing the export product.

[4] Total export related shipments are the sum of columns B and C.

[5] Includes employees of central administrative offices and auxiliaries (warehouses, garages, repair shops, etc.) serving operating manufacturing establishments.

[6] Employment is limited to paid employees in manufacturing plants producing the export product.

[7] Manufacturing employment at establishments producing components, parts, supplies, etc, for use by plants producing for export.

[8] The employment totals shown are the sum of columns G and H.

Source: Origin of Exports of Manufactured Products, 1983 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce.

Iowa exports contribute to U.S. balance of payments

	Agricultural Exports (millions of dollars)		
	1985 Iowa	1985 U.S.	% of U.S. Share
Wheat and Products	6.5	4,525.8	.14
Feed Grains[1]	1,358.3	7,584.9	17.91
Soybeans and Products[2]	749.0	5,267.7	14.22
Fruits and Preparations	.0	1,200.1	0.00
Vegetables and Preparations	1.4	945.8	.15
Dairy Products	12.4	413.2	3.00
Meats and Products[3]	93.3	1,160.9	8.04
Hides and Skins	83.7	1,324.6	6.32
Poultry Products	4.6	392.8	1.17
Fats, Oils and Greases	43.3	607.9	7.12
Feeds and Fodders	50.6	473.3	10.69
Other[4]	52.7	1,414.0	3.73
Total	2,469.1	31,186.7	7.92

[1] Includes corn, barley, oats, grain sorghum, rye, corn gluten feed, corn-soy blends, corn oil, popcorn and the coarse grain products.

[2] Includes soybean oil and protein meal.

[3] Excludes poultry.

[4] Includes seeds, feed and fodder, and miscellaneous animal products.

Source: May/June, 1986, FATUS, U.S.D.A.

		Manufactured Exports		
SIC Code	**Product Category**	**1983 Iowa**	**1983 U.S.**	**% of U.S. Share**
20	Food and Kindred Products	552.0	10,471.4	5.27
21	Tobacco Manufacturers	—	2,213.3	—
22	Textile Mill Products	2.2	1,762.1	.12
23	Apparel and Other Textile Mill Products	1.6	886.9	.18
24	Lumber and Wood Products	1.5	2,451.6	.06
25	Furniture and Fixtures	3.5	464.4	.75
26	Paper and Allied Products	9.7	3,572.3	27
27	Printing and Publishing	12.7	1,278.5	.99
28	Chemicals, Allied Products	143.1	17,400.3	.82
29	Petroleum and Coal Products	.1	4,771.1	—
30	Rubber and Plastic Products	45.1	2,359.6	1.91
31	Leather and Leather Products	2.4	456.2	.53
32	Stone, Clay and Glass Products	2.5	1,555.5	.16
33	Primary Metal Industries	71.0	3,712.9	1.91
34	Fabricated Metal Products	89.5	6,031.7	1.48
35	Machinery, Except Electric	513.2	29,040.4	1.77
36	Electrical Equipment and Supplies	251.3	15,841.5	1.59
37	Transportation Equipment	30.2	28,187.0	.11
38	Instruments and Related Products	10.9	7,810.3	.14
39	Miscellaneous Manufacturing	63.3	2,040.4	3.10

Source: Origin of Exports of Manufactured Products, 1983 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce.

Foreign investment in U.S. and Iowa, 1983

The countries of Canada, Germany and the United Kingdom account for 64.5% of the direct investment in Iowa. Manufacturing industries attracted 55% of all foreign investment in 1983.

	(in millions of dollars)			
	U.S.	**% of Total**	**Iowa**	**% of Total**
Canada	$58,693	24.3	$349	29.2
Germany	21,889	9.1	303	25.4
United Kingdom	46,758	19.3	119	10.0
Netherlands	40,768	16.9	90	7.5
France	15,238	6.3	54	4.5
Japan	10,687	4.4	86	7.2
Switzerland	10,098	4.2	35	2.9
Others	37,469	15.5	159	13.3
Total Foreign Investment	$241,600	—	$1,195	—

Source: Foreign Direct Investment in the United States, 1983, Bureau of Economic Analysis, U.S. Department of Commerce.

Foreign direct investment in manufacturing, 1983

	(in million of dollars)						
	Food and Kindred Products	**Chemicals and Allied Products**	**Primary and Fabricated Metals**	**Machinery**	**Other**	**Total Manufacturing Investment**	**Total Investment in all Industries**
United States	$5,125	$44,804	$9,648	$10,894	$19,821	$90,292	$241,600
Illinois	350	979	452	634	452	2,867	6,967
Indiana	88	515	117	180	375	1,275	1,968
IOWA	5	277	8	135	231	657	1,195
Kansas	44	232	9	115	127	527	997
Michigan	121	423	66	452	783	1,845	4,825
Minnesota	44	*	*	159	436	779	3,741
Missouri	75	560	581	150	241	1,608	2,443
Nebraska	*	57	5	*	1	97	335
Ohio	293	846	806	464	1,035	3,443	7,028
South Dakota	*	2	*	*	2	24	371
Wisconsin	120	144	49	369	1,060	1,742	2,772

*Suppressed to avoid disclosure of data of individual companies.

Source: Foreign Direct Investment in the United States, 1983, Bureau of Analysis, U.S. Department of Commerce.

Mining

Mineral production[1]

Nonfuel mineral production in Iowa[1]
(thousand short tons)

	1980		1983		1984		1985		1986	
Mineral	**Quantity**	**Value (thousands)**	**Quantity**	**Value (thousands)**	**Quantity**	**Value (thousands)**	**Quantity**	**Value (thousands)**	**Quantity**	**Value (thousands)**
Cement:										
Masonry	48	$ 3,340	37	$ 3,425	42	$ 3,260	39	$ 3,372	45	$ 4,000
Portland	1,998	101,008	1,644	87,836	1,730	92,699	1,618	77,890	1,800	88,900
Clays	754	2,555	576	3,258	623	2,695	503	2,450	437	1,771
Gem Stones	xx	1	xx	1	NA	1	NA	1	NA	w
Gypsum	1,468	13,136	1,612	13,518	1,527	12,421	1,639	13,682	1,814	14,151
Peat	11	276	*	*	11	400	11	415	12	485
Sand and Gravel(2)	(2)12,683	(2)32,722	[P]11,800	[P]32,800	13,882	37,027	[r]12,000	[r]30,500	13,100	34,500
Stone:										
Crushed	26,542	92,603	24,844	101,097	[P]23,800	[P]100,000	23,657	94,496	23,500	98,500
Dimension	10	509	w	w	w	w	w	w	w	w
Combined value of other Nonmetals and value Indicated by symbol W	xx	5,727	xx	5,425	xx	xx	xx	5,211	xx	5,028
Total	xx	$251,876	xx	$247,360	xx	$(3)248,503	xx	$228,017	xx	$247,335

* = Included in combined value of other nonmetals.

[P] = Preliminary.

xx = Not applicable.

w = Withheld to avoid disclosing company proprietary data.

[1] = Production as measured by mine shipments, sales or marketable production (including Consumption by producers).

(2) = Excludes industrial sand; value included in "Combined value" figure.

(3) = Partial total; excludes value of lime.

Source - Bureau of Mines, Minerals Yearbook 1984, U.S. Department of Interior.
- Mineral Industry Surveys, January 15, 1987 (1985,1986).

Coal production

Year	Quantity (short tons)	Avg. Mine[1] Price/Ton	Total Value
1950	1,891,000	$ 3.69	$ 6,977,000
1960	1,068,000	3.60	3,845,000
1965	1,043,000	3.54	3,694,000
1970	987,000	4.11	4,059,000
1975	622,000	11.08	6,891,000
1979	726,744	19.08	13,866,300
1980	559,404	21.33	11,932,100
1981	708,137	20.00	14,162,700
1982	566,322	21.81	12,351,483
1983	385,320	27.06	10,426,759
1984	526,000	25.32	13,318,320

Revised.

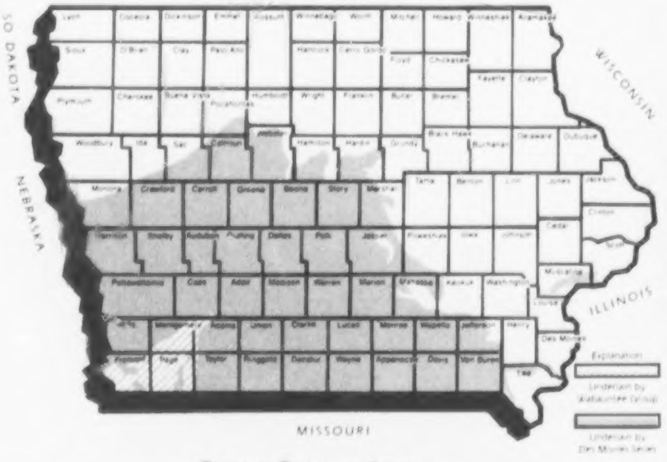
Unwashed coal.

Source: Office of Surface Mining, Bureau of Mines, U.S. Department of Interior

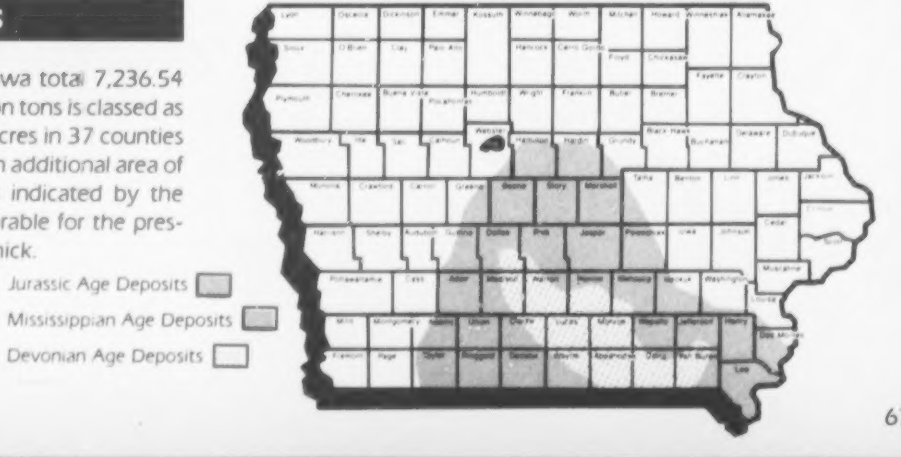
Summary of reserves

The estimated original coal reserves of Iowa total 7,236.54 million short tons, of which 3,500.72 million tons is classed as inferred. A total area of about 1,316,040 acres in 37 counties was included in the reserve calculations; an additional area of about 1,291,830 acres in 44 counties is indicated by the currently available information to be favorable for the presence of coal beds more than 14 inches thick.

Distribution of Pennsylvania Rock



Gypsum Resource Areas



Mineral production by county[1] (thousands of dollars)

County	1982	1983	Minerals produced in 1983 in order of value
Adair	(2)	W	Stone (crushed).
Adams	(2)	W	Do.
Allamakee	$ 76	W	Do.
Appanoose	W	W	Stone (crushed), clays.
Audubon	W	(3)	
Benton	W	W	Stone (crushed).
Black Hawk	964	W	Do.
Boone	1,644	(3)	
Bremer	(2)	W	Stone (crushed).
Buchanan	W	$ 1,303	Do.
Buena Vista	W	(3)	
Butler	W	W	Stone (crushed).
Calhoun	70	(3)	
Carroll	397	(3)	
Cass	W	W	Stone (crushed).
Cedar	W	766	Do.
Cerro Gordo	W	W	Cement, Stone (crushed), clays.
Cherokee	398	(3)	
Chickasaw	(2)	519	Stone (crushed).
Clarke	(2)	W	Do.
Clay	342	(3)	
Clayton	W	967	Stone (crushed).
Clinton	W	959	Do.
Dallas	W	W	Clays.
Davis	(2)	W	Stone (crushed).
Decatur	(2)	W	Do.
Delaware	W	688	Do.
Des Moines	W	W	Gypsum, stone (crushed).
Dickinson	382	(3)	
Dubuque	(2)	W	Stone (crushed), stone (dimension).
Emmet	W	(3)	
Fayette	W	W	Stone (crushed).
Floyd	81	W	Do.
Franklin	172	W	Do.
Fremont	(2)	632	Do.
Greene	524	(3)	
Guthrie	210	(3)	
Hamilton	W	388	Stone (crushed).
Hancock	W	W	Do.
Hardin	W	7,888	Do.
Harrison	(2)	1,604	Do.
Henry	(2)	W	Do.
Howard	45	801	Do.
Humboldt	W	1,186	Do.
Ida	W	(3)	
Iowa	W	(3)	
Jackson	W	1,111	Stone (crushed).
Jasper	W	337	Do.
Jefferson	(2)	82	Do.
Johnson	W	W	Do.
Jones	465	1,360	Stone (crushed), stone (dimension).
Keokuk	W	1,389	Stone (crushed).
Kossuth	97	(3)	
Lee	175	951	Stone (crushed).
Linn	958	3,974	Stone (crushed), peat.
Louisa	W	W	Stone (crushed).
Lyon	290	(3)	
Madison	W	W	Stone (crushed), clays.
Mahaska	(2)	W	Stone (crushed).
Marion	W	W	Stone (crushed), gypsum.
Marshall	557	W	Stone (crushed).
Mills	(2)	46	Do.
Mitchell	W	W	Do.
Monona	W	(3)	
Monroe	(2)	940	Stone (crushed).
Montgomery	(2)	874	Do.
Muscatine	479	1,767	Do.
O'Brien	W	(3)	
Osceola	304	(3)	
Page	W	508	Stone (crushed).
Palo Alto	W	(3)	
Plymouth	1,350	(3)	
Pocahontas	(2)	W	Stone (crushed).
Polk	W	W	Cement, stone (crushed).
Pottawattamie	W	W	Stone (crushed).
Poweshiek	(2)	W	Do.
Sac	1,196	(3)	
Scott	W	W	Cement, Stone (crushed), lime, clays.
Shelby	W	(3)	
Sioux	667	(3)	
Story	W	W	Stone (crushed).
Tama	W	W	Do.
Taylor	(2)	238	Do.
Union	(2)	W	Do.
Van Buren	W	1,620	Do.
Wapello	W	W	Stone (crushed), clays.
Washington	W	W	Stone (crushed).
Webster	8,810	W	Gypsum, stone (crushed).
Winnebago	W	W	Peat.
Winneshiek	174	1,045	Stone (crushed).
Woodbury	W	W	Clays.
Worth	W	W	Stone (crushed), peat.
Wright	W	(3)	
Undistributed[4]	[r]108,781	180,614	
Sand and gravel	XX	[e]32,800	
Stone (crushed)	[e]88,800	XX	
Total[5]	[r]$218,409	$247,360	

[e] Estimated.

[r] Revise.

W = Withheld to avoid disclosing company proprietary data; included with "Undistributed."

XX = Not applicable.

[1] No production of nonfuel mineral commodities was reported for counties not listed.

(2) Crushed stone was produced; data not available by county. Total State value is shown separately under "Stone (crushed)."

(3) Construction sand and gravel was produced; data not available by county. Total State value is shown separately under "Sand and gravel (construction)."

[4] Includes gem stones and stone (dimension, 1982) that cannot be assigned to specific counties and values indicated by symbol W.

[5] Data may not add to totals shown because of independent rounding.

Source: Bureau of Mines, 1984 Minerals Yearbook, U.S. Department of the Interior.

Midwest nonfuel mineral production, 1984

State	Value (Thousands)	U.S. Rank	Percent of U.S. Total	Principal minerals in order of value
Illinois	$ 471,861	18	2.04	Stone (crushed), cement, sand and gravel (construction), sand and gravel (industrial).
Indiana	293,236	25	1.27	Stone (crushed), cement, sand and gravel (construction), lime.
IOWA	253,445	29	1.10	Stone (crushed), cement, sand and gravel (construction), gypsum.
Kansas	312,010	24	1.35	Cement, salt, stone (crushed), helium (grade-A).
Minnesota	1,676,247	3	7.24	Iron ore, sand and gravel (construction), stone (crushed), sand and gravel (industrial).
Missouri	731,897	8	3.16	Cement, lead, stone (curshed), lime.
Nebraska	100,368	40	.43	Cement, sand and gravel (construction), stone (crushed), lime.
Ohio	552,903	13	2.39	Stone (crushed), salt, sand and gravel (construction), lime.
South Dakota	193,407	34	.84	Gold, cement, stone (dimension), stone (crushed).
Wisconsin	129,348	36	.56	Stone (crushed), sand and gravel (construction), lime, sand and gravel (industrial).
U.S. Total	$23,150,000	xx	100.00	

xx = Not applicable.

Source: Bureau of Mines, Minerals Yearbook 1984, U.S. Department of Interior.

Population

Urban/rural trend, 1840-1980

The population of the state of Iowa is 2,913,808, over half of which is urban. The state's largest county, Polk County, has a population of 303,170.

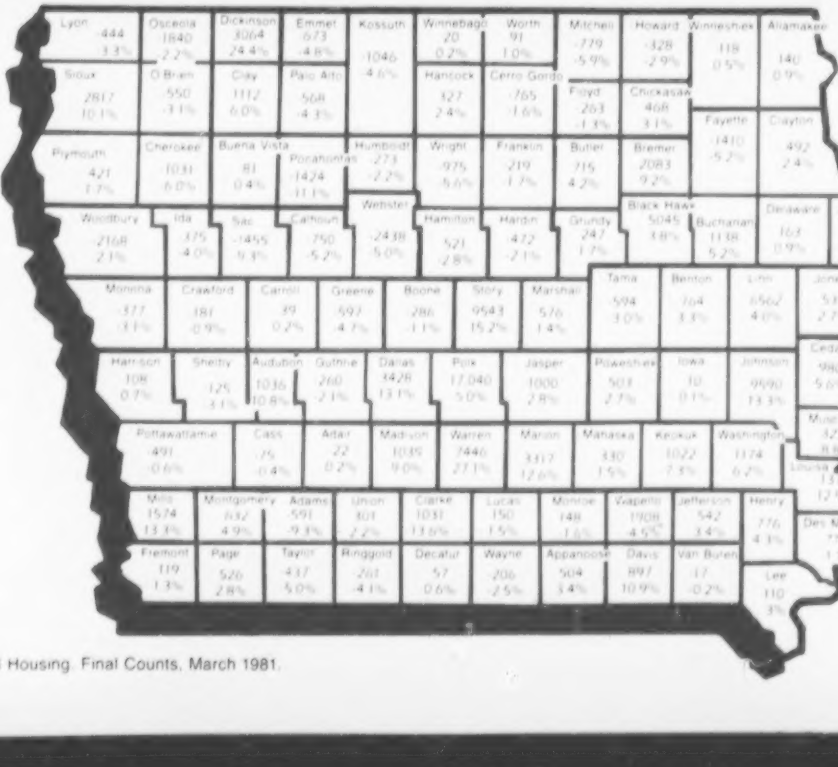
Iowa's ten largest cities are: Des Moines, 191,003; Cedar Rapids, 110,243; Davenport, 103,243; Sioux City, 82,003; Waterloo, 75,985; Dubuque, 62,321; Council Bluffs, 56,449; Iowa City, 50,508; Ames, 45,775; and Cedar Falls, 36,322.

	The State			Urban				Rural			Percent of total	
		Change From Preceding Census		Places of 2,500 or More		Change From Preceding Census			Change From Preceding Census			
	Population[1]	Number	Percent		Population	Number	Percent	Population	Number	Percent	Urban	Rural
Current urban definition												
1980 (Apr. 1)	2,913,808	88,440	3.1	124	1,708,232	91,827	5.7	1,205,576	-2,395	-0.2	58.6	41.4
1970 (Apr. 1)	2,825,041	67,504	2.4	111	1,616,405	153,893	10.5	1,207,971	-87,054	-6.7	57.2	42.8
1960 (Apr. 1)	2,757,537	136,464	5.2	104	1,462,512	211,574	16.9	1,295,025	-75,110	-5.5	53.0	47.0
1950 (Apr. 1)	2,621,073	82,805	3.3	93	1,250,938	—	—	1,370,135	—	—	47.7	52.3
Previous urban definition												
1960 (Apr. 1)	2,757,537	136,464	5.2	104	1,439,525	210,092	17.1	1,318,012	-73,628	-5.3	52.2	47.8
1950 (Apr. 1)	2,621,073	82,805	3.3	93	1,229,433	145,202	13.4	1,391,640	-62,397	-4.3	46.9	53.1
1940 (Apr. 1)	2,538,268	67,329	2.7	89	1,084,231	104,939	10.7	1,454,037	-37,610	-2.5	42.7	57.3
1930 (Apr. 1)	2,470,939	66,918	2.8	81	979,292	103,797	11.9	1,491,647	-36,879	-2.4	39.6	60.4
1920 (Apr. 1)	2,404,021	179,250	8.1	81	875,495	195,441	28.7	1,528,526	-16,191	-1.0	36.4	63.6
1910 (Apr. 15)	2,224,771	7,082	0.3	69	680,054	107,668	18.8	1,544,717	-114,750	-6.9	30.6	69.4
1900 (June 1)	2,231,853	319,556	16.7	70	572,386	166,622	41.1	1,659,467	152,934	10.2	25.6	74.4
1890 (June 1)	1,912,297	287,682	17.7	46	405,764	158,337	64.0	1,506,533	129,345	9.4	21.2	78.8
1880 (June 1)	1,624,615	430,595	36.1	34	247,427	91,100	58.3	1,377,188	339,495	32.7	15.2	84.8
1870 (June 1)	1,194,020	519,107	76.9	22	156,327	96,299	160.4	1,037,693	422,808	68.8	13.1	86.9
1860 (June 1)	674,913	482,699	251.1	9	60,028	50,298	516.9	614,885	432,401	237.0	8.9	91.1
1850 (June 1)	192,214	149,102	345.8	3	9,730	9,730	—	182,484	139,372	323.3	5.1	94.9
1840 (June 1)	43,112[1]	—	—	—	—	—	—	43,112	—	—	—	100.0

[1] Includes population of area now constituting that part of Minnesota lying west of the Mississippi River and a line drawn from its source northward to the Canadian boundary. This area formed part of Iowa Territory in 1840.

Source: 1980 Census of Population. U.S. Department of Commerce, Bureau of the Census

Population change



Top figure - Change in population
Lower figure - % change, 1970-80

Source: 1980 Census of Population and Housing. Final Counts, March 1981.

Iowa's 100 fastest growing communities

Places (Ranked)	1970-80 % Change	Places (Ranked)	1970-80 % Change	Places (Ranked)	1970-80 % Change	Places (Ranked)	1970-80 % Change
Johnston	1,078.9	Ankeny	68.6	West Branch	41.2	Colo	33.3
Asbury	392.0	McCausland	68.6	Devner	40.9	Fredenia	33.3
De Soto	180.5	Lakeside	66.9	Badger	40.4	West Des Moines	33.2
Bondurant	177.7	LeGrand	63.0	Hazelton	40.1	Sioux Center	33.0
Wahpeton	149.7	Van Meter	61.0	Westphalia	39.7	Grandview	32.5
Grimes	136.6	Beacon	56.8	Meriden	39.5	Cushing	32.4
Polk City	131.9	Swisher	56.8	Readlyn	39.3	Kinross	31.9
Pleasant Hill	127.6	Okoboji	54.8	Milo	38.7	Spirit Lake	31.9
Long Grove	121.6	Ely	54.5	Tiffin	38.1	Williamsburg	31.7
Eldridge	113.6	Gilbert	54.5	Orleans	37.9	Dolliver	31.6
Peosta	110.5	Norwalk	53.4	Carlisle	36.8	North Buena Vista	31.4
Sergeant Bluff	107.6	Princeton	52.4	Camanche	36.2	Story City	31.3
West Okoboji	107.1	Fremont	52.1	Mediapolis	35.7	Hartford	30.8
Buck Grove	104.9	Branson	49.7	Superior	35.3	Stanton	30.1
Huxley	101.1	Hudson	47.7	Vining	35.2	New Sharon	29.8
Altoona	99.9	Atalissa	47.5	Hinton	35.0	Ionia	29.6
Hiawatha	99.7	Luxemburg	46.5	Monroe	35.0	Floris	29.0
Clive	96.5	Coburg	44.4	Barnum	34.7	Westgate	28.9
Plain View	95.7	Walcott	44.1	Westfield	34.5	Garner	28.8
Treynor	94.9	Dakota City	43.7	Balltown	34.2	Delphos	28.6
North Liberty	93.9	Martensdale	43.1	Donahue	33.8	Orange City	28.4
Crescent	92.6	Bankston	42.9	Packwood	33.8	Newhall	28.2
Shueyville	86.4	Ridgeway	41.3	Parnell	33.7	Franklin	27.9
Millville	85.2	Montrose	41.2	Wilton	33.6		
Swan	82.1	Waukee	41.2	Blue Grass	33.4		

Source 1980 Census of Population and Housing, March 1981

Population by sex and age

Age	Total	Female	Male
Under 1 year	47,988	23,966	24,022
1-2 years	89,624	43,388	46,236
3-4 years	83,833	41,091	42,742
5 years	41,112	19,844	21,268
6 years	39,162	19,543	19,619
7-9 years	130,197	63,369	66,828
10-13 years	183,448	89,405	94,043
14 years	48,915	23,855	25,060
15 years	52,403	25,484	26,919
16 years	55,285	26,598	28,687
17 years	55,474	27,884	27,590
18 years	56,695	28,658	28,037
19 years	57,836	28,891	28,945
20 years	57,148	29,019	28,129
21 years	55,213	27,579	27,634
22-24 years	159,373	79,587	79,786
25-29 years	241,119	118,652	122,467
30-34 years	208,686	103,557	105,129
35-44 years	302,628	153,156	149,479
45-54 years	281,293	144,495	136,798
55-59 years	144,553	74,941	69,612
60-61 years	55,477	29,425	26,052
62-64 years	78,864	42,298	36,566
65-74 years	216,681	121,790	94,891
75-84 years	126,935	80,495	46,440
85 years and over	43,866	30,712	13,154
Total	2,913,808	1,497,682	1,415,705
Median Age	30.0		

Source 1980 Census of Population and Housing,U.S. Department of Commerce, Bureau of the Census

Population and land area of counties, 1970-1980

	1980 Population						1970 Population			Percent Change 1970 to 1980		
	Land Area in Square Miles 1980	Total		Urban		Rural						
		Number	Per Square Mile	Total	Percent of Total	Total	Total	Urban	Rural	Total	Urban	Rural
IOWA	55,965	2,913,808	52.1	1,708,232	58.6	1,205,576	2,825,041	1,616,405	1,207,971	3.1	5.7	-0.2
Adair	569	9,509	16.7	—	—	9,509	9,487	—	9,487	.2	—	.2
Adams	426	5,731	13.4	—	—	5,731	6,322	—	6,322	-9.3	—	-9.3
Allamakee	636	15,108	23.8	3,775	25.0	11,333	14,968	3,883	11,085	.9	-2.7	2.2
Appanoose	523	15,511	29.7	6,558	42.3	8,953	15,007	6,531	8,476	3.4	.4	5.6
Audubon	448	8,559	19.1	2,841	33.2	5,718	9,595	2,907	6,688	-10.8	-2.3	-16.9
Benton	718	23,649	32.9	7,943	33.6	15,706	22,885	7,655	15,230	3.3	3.7	3.1
Black Hawk	568	137,961	240.8	120,290	87.2	17,671	132,916	112,881	20,035	3.8	3.7	3.8
Boone	573	26,184	45.7	12,602	48.1	13,582	26,470	12,468	14,002	-1.1	1.1	-2.9
Bremer	439	24,820	56.5	8,444	34.0	16,376	22,737	7,205	15,532	9.2	17.2	5.4
Buchanan	568	22,900	40.3	6,360	27.8	16,540	21,762	5,910	15,836	5.2	8.0	4.4
Buena Vista	572	20,774	36.3	8,814	42.4	11,960	20,693	8,591	12,102	.4	2.6	-1.1
Butler	582	17,668	30.4	—	—	17,668	16,953	—	16,953	4.2	—	4.2
Calhoun	571	13,542	23.7	—	—	13,542	14,292	—	14,292	-5.2	—	-5.2
Carroll	574	22,951	39.9	9,705	42.3	13,246	22,912	8,716	14,196	.2	11.3	-6.7
Cass	559	16,932	30.3	7,789	46.0	9,143	17,007	7,306	9,701	-.4	6.6	-5.7
Cedar	585	18,635	31.9	3,055	16.4	15,580	17,655	2,877	14,778	5.6	6.2	5.4
Cerro Gordo	575	48,458	84.3	37,602	77.6	10,856	49,223	36,921	12,414	-1.6	1.8	-12.5
Cherokee	573	16,238	28.3	7,004	43.1	9,234	17,269	7,272	9,997	-6.0	-3.7	-7.6
Chickasaw	505	15,437	30.6	3,940	25.5	11,497	14,969	3,621	11,348	3.1	8.8	1.3
Clarke	429	8,612	20.1	3,750	43.5	4,862	7,581	3,124	4,457	13.6	20.0	9.0
Clay	570	19,576	34.3	11,726	59.8	7,850	18,464	10,278	8,186	6.0	14.1	-4.1
Clayton	779	21,098	27.1	—	—	21,098	20,606	—	20,606	2.4	—	2.4
Clinton	693	57,122	82.4	42,065	73.6	15,057	56,749	41,836	14,913	.7	.5	.9
Crawford	716	18,935	26.4	6,675	35.2	12,260	19,116	6,218	12,898	-.9	7.3	-4.9
Dallas	597	29,513	49.4	9,899	33.5	19,614	26,085	6,906	19,179	13.1	43.3	2.2
Davis	509	9,104	17.8	2,849	31.3	6,255	8,207	2,718	5,489	10.9	4.8	13.9
Decatur	530	9,794	18.5	2,705	27.6	7,089	9,737	2,540	7,197	.6	6.5	-1.5
Delaware	572	18,933	33.1	4,942	26.1	13,991	18,770	4,641	14,056	.9	6.5	-.4
Des Moines	408	46,203	113.2	32,630	70.6	13,573	46,982	35,505	11,477	-1.7	-8.0	18.3
Dickinson	380	15,629	41.1	3,976	26.0	11,293	12,565	3,014	9,551	24.4	31.9	18.2
Dubuque	612	93,745	153.2	66,027	70.4	27,718	90,609	66,506	24,103	3.5	-.7	15.0
Emmet	394	13,336	33.8	7,518	56.4	5,818	14,009	8,108	5,901	-4.8	-7.3	-1.4
Fayette	728	25,488	35.1	10,347	40.6	15,141	26,898	10,359	16,539	-5.2	-.1	-8.5
Floyd	503	19,597	40.0	8,778	44.8	10,819	19,860	9,268	10,592	-1.3	-5.3	2.1
Franklin	586	13,036	22.2	4,630	35.5	8,406	13,255	4,376	8,879	-1.7	5.8	-5.3
Fremont	524	9,401	17.9	—	—	9,401	9,282	—	9,282	1.3	—	1.3
Greene	569	12,119	21.3	4,854	40.1	7,265	12,716	4,735	7,981	-4.7	2.5	-9.0
Grundy	501	14,366	28.7	2,880	20.1	11,486	14,119	2,712	11,407	1.7	6.2	.7
Guthrie	596	11,983	20.1	—	—	11,983	12,243	—	12,243	-2.1	—	-2.1
Hamilton	577	17,862	31.0	8,572	48.0	9,290	18,383	8,488	9,895	-2.8	1.0	-6.1
Hancock	570	13,833	24.3	2,908	21.0	10,925	13,506	2,372	13,112	2.4	22.6	-16.7
Hardin	574	21,776	37.9	9,237	42.4	12,529	22,248	9,677	12,571	-2.2	-4.5	-.3
Harrison	696	16,348	23.5	3,107	19.0	13,241	16,240	3,519	12,721	.7	-11.7	4.1
Henry	440	18,890	42.9	7,322	38.8	11,568	18,114	7,007	11,107	4.3	4.5	4.2
Howard	471	11,114	23.6	3,860	34.7	7,254	11,442	3,927	7,515	-2.9	-1.7	-3.5
Humboldt	435	12,246	28.2	4,794	39.1	7,452	12,519	4,665	7,854	-2.2	2.8	-5.1
Ida	431	8,908	20.7	—	—	8,908	9,283	—	9,190	-4.0	—	-4.0
Iowa	584	15,429	26.4	—	—	15,429	15,419	—	15,419	.1	—	.1
Jackson	644	22,503	30.5	6,313	28.1	16,190	20,839	5,677	15,162	8.0	11.2	6.8
Jasper	737	36,425	49.4	15,292	42.0	21,133	35,425	15,619	19,806	2.8	-2.1	6.7
Jefferson	436	16,316	37.4	9,428	57.8	6,888	15,774	8,715	7,059	3.4	8.2	-2.4
Johnson	619	81,717	132.0	64,508	78.9	17,209	72,127	52,980	19,147	13.3	21.8	-10.1
Jones	585	20,401	34.9	8,599	42.1	11,802	19,868	7,898	11,970	2.7	8.9	-1.4
Keokuk	579	12,921	22.3	—	—	12,921	13,943	—	13,943	-7.3	—	-7.3
Kossuth	979	21,891	22.4	6,289	28.7	15,602	22,937	6,032	16,905	-4.6	4.3	-7.7
Lee	527	43,106	81.8	27,056	62.8	16,050	42,996	28,627	14,369	.3	-5.5	11.7
Linn	717	169,775	236.8	137,867	81.2	31,808	163,213	135,026	28,187	4.0	2.1	12.8
Louisa	403	12,055	29.9	—	—	12,055	10,682	—	10,682	12.9	—	12.9
Lucas	434	10,313	23.8	4,987	48.4	5,326	10,163	5,009	5,154	1.5	-.4	3.3
Lyon	588	12,896	22.1	2,693	20.9	10,203	13,340	2,632	10,708	-3.3	2.3	-4.7
Madison	564	12,597	22.3	4,021	31.9	8,576	11,558	3,654	7,904	9.0	10.0	8.5
Mahaska	572	22,867	48.1	10,989	51.9	11,969	22,177	11,224	10,953	1.5	-5.3	8.4
Marion	498	29,669	59.6	16,492	55.6	13,177	26,352	14,423	11,929	12.6	14.3	10.5
Marshall	574	41,562	72.6	26,938	64.7	14,714	41,076	26,219	14,857	-1.4	2.7	-1.0
Mills	447	13,406	30.0	5,280	39.4	8,126	11,832	4,195	7,411	13.3	25.9	9.6
Mitchell	467	12,329	26.4	3,718	30.2	8,611	13,108	3,815	9,293	-5.9	-2.5	-7.3
Monona	699	11,692	16.7	3,283	28.1	8,409	12,069	3,154	8,915	-3.1	4.1	-5.7
Monroe	435	9,209	21.2	4,184	45.4	5,025	9,357	4,151	5,206	-1.6	.8	-3.4
Montgomery	422	13,413	31.8	6,810	50.1	6,603	12,781	6,210	6,571	4.9	9.7	.4
Muscatine	443	40,436	91.3	22,309	79.9	17,827	37,181	22,405	14,776	8.8	-.4	20.6
O'Brien	575	16,972	29.5	5,003	29.5	11,969	17,522	4,535	12,987	-3.1	10.3	-7.8
Osceola	398	8,371	21.0	3,051	36.4	5,320	8,555	2,749	5,806	-2.2	11.0	-8.4
Page	535	19,063	35.6	11,732	61.5	7,331	18,537	11,388	7,119	2.8	3.0	2.9

Population and land area (continued)

	1980 Population						1970 Population			Percent Change 1970 to 1980		
	Land Area in Square Miles 1980	Total		Urban		Rural						
		Number	Per Square Mile	Total	Percent of Total	Total	Total	Urban	Rural	Total	Urban	Rural
Palo Alto	561	12,721	22.7	4,621	36.3	8,100	13,289	4,150	9,139	-4.3	11.3	-11.4
Plymouth	863	24,743	28.7	8,853	35.8	15,890	24,322	8,159	16,153	1.7	1.9	-1.6
Pocahontas	581	11,369	19.6	—	—	11,369	12,793	—	12,729	-11.1	—	-11.1
Polk	578	303,170	524.5	272,680	89.9	30,490	286,130	265,764	20,337	6.0	2.6	49.9
Pottawattamie	963	86,561	89.8	59,887	69.2	26,613	86,991	64,847	22,144	-.6	-7.6	20.1
Poweshiek	589	19,306	32.7	8,868	45.9	10,438	18,803	8,402	10,401	2.7	5.5	.1
Ringgold	538	6,112	11.4	—	—	6,112	6,373	—	6,373	-4.1	—	-4.1
Sac	578	14,118	24.2	3,000	21.2	11,118	15,573	3,268	12,305	-9.3	-8.2	-9.6
Scott	454	160,022	352.2	136,823	85.5	23,199	142,687	126,295	16,392	12.1	8.3	41.5
Shelby	587	15,043	25.6	5,357	35.6	9,686	15,528	5,049	10,479	-3.1	6.1	-7.6
Sioux	766	30,813	40.2	19,607	63.6	11,206	27,996	9,811	18,185	10.1	99.8	-38.4
Story	568	72,326	127.3	54,449	75.3	17,877	62,783	44,457	18,326	15.2	22.5	-2.5
Tama	720	19,533	27.1	5,413	27.7	14,120	20,147	3,000	17,147	-3.0	80.4	-17.7
Taylor	528	8,353	15.8	—	—	8,353	8,790	—	8,790	-5.0	—	-5.0
Union	425	13,858	32.6	8,429	60.8	5,429	13,557	8,234	5,323	2.2	2.4	2.0
Van Buren	487	8,626	17.7	—	—	8,626	8,643	—	8,643	-.2	—	-.2
Wapello	437	40,241	92.0	27,381	68.0	12,860	42,149	29,610	12,539	-4.5	-7.2	2.6
Warren	558	34,878	62.5	16,592	47.6	18,286	27,432	10,917	16,515	27.1	52.0	10.7
Washington	568	20,141	34.5	6,584	32.7	13,557	18,967	6,317	12,650	6.2	4.2	7.2
Wayne	532	8,199	15.4	—	—	8,199	8,405	—	8,405	-2.5	—	-2.5
Webster	718	45,953	64.0	29,423	64.0	16,530	48,391	31,263	17,128	-5.9	-5.9	-3.5
Winnebago	401	13,010	32.4	4,270	32.8	8,740	12,990	3,726	9,264	.2	14.6	-5.7
Winneshiek	688	21,876	31.8	7,991	36.5	13,885	21,758	7,458	14,300	.5	7.1	-2.9
Woodbury	871	100,884	115.8	82,003	81.3	18,881	103,052	87,157	15,895	-2.1	-5.9	18.8
Worth	400	9,075	22.7	—	—	9,075	8,984	—	8,984	1.0	—	1.0
Wright	577	16,319	28.3	9,889	60.6	6,430	17,294	7,461	9,833	-5.6	32.5	-34.6

Source: 1980 Census of Population and Housing, March 1981. Compiled by Iowa Department of Economic Development.

Summary of communities with population of 2,500 or more

				Persons						Housing Units		
				Race								
City	1980	1970	% Change 1970-80	White	Black	Am. Indian Eskimo & Aluet	Asian & Pacific Islander	Other	Spanish Origin	1980	1970	% Change 1970-80
Adel	2,846	2,419	17.7	2,829	2	0	6	9	22	1,208	882	37.0
Albia	4,184	4,151	.8	4,162	12	2	3	5	17	1,990	1,678	13.2
Algona	6,289	6,032	4.3	6,254	5	4	14	12	45	2,512	2,090	20.2
Altoona	5,764	2,883	99.9	5,706	9	7	16	26	37	1,964	849	131.3
Ames	45,775	39,505	15.9	43,073	771	43	1,189	699	543	14,809	11,038	34.2
Anamosa	4,958	4,389	13.0	4,832	94	16	4	12	31	1,654	1,319	25.4
Ankeny	15,429	9,151	68.6	15,234	70	18	59	48	98	5,611	2,641	112.5
Atlantic	7,789	7,306	6.6	7,715	9	6	33	26	24	3,353	2,810	19.3
Audubon	2,841	2,907	-2.3	2,823	0	0	8	10	10	1,230	1,091	12.7
Belle Plaine	2,903	2,810	3.3	2,888	1	4	1	9	14	1,303	1,153	13.0
Belmond	2,505	2,358	6.2	2,483	0	0	10	12	18	1,060	843	25.7
Bettendorf	27,381	22,126	23.8	26,724	239	48	202	168	439	9,668	6,445	50.0
Bloomfield	2,849	2,718	4.8	2,818	15	2	3	11	5	1,305	1,108	17.8
Boone	12,602	12,468	1.1	12,510	21	7	27	37	65	5,316	4,590	15.8
Burlington	29,529	32,366	-8.8	28,254	964	46	99	166	383	12,090	11,979	.9
Camanche	4,725	3,470	36.2	4,697	11	5	7	5	38	1,654	1,077	53.6
Carlisle	3,073	2,246	36.8	3,048	3	2	8	12	17	1,092	698	56.4
Carroll	9,705	8,716	11.3	9,657	1	10	29	8	58	3,545	2,683	32.1
Carter Lake	3,438	3,268	5.2	3,378	0	23	14	14	98	1,127	885	27.3
Cedar Falls	36,222	29,597	22.7	35,477	332	59	303	151	227	12,189	8,286	47.1
Cedar Rapids	110,243	110,642	-0.4	106,342	2,555	199	535	612	1,014	43,541	37,979	14.6
Centerville	6,558	6,531	0.4	6,369	99	25	34	31	51	2,945	2,668	10.4
Chariton	4,987	5,009	-0.4	4,962	2	5	11	7	11	2,345	2,089	12.3
Charles City	8,778	9,268	-5.3	8,737	3	1	14	23	52	3,576	3,437	4.0
Cherokee	7,004	7,272	-3.7	6,960	7	16	14	7	26	2,863	2,587	10.7
Clarinda	5,458	5,420	0.7	5,351	37	6	42	22	34	2,285	1,962	16.5
Clarion	3,060	2,972	3.0	3,030	0	10	5	15	33	1,345	1,164	15.5
Clear Lake	7,458	6,430	16.0	7,376	14	7	17	44	70	3,731	2,650	40.8
Clinton	32,828	34,719	-5.4	31,950	530	79	153	116	174	12,895	11,868	8.7
Clive	5,906	3,005	96.5	5,757	41	5	65	38	46	2,292	936	144.9
Coralville	7,687	6,130	25.4	7,330	167	23	107	60	83	3,672	2,199	67.0
Council Bluffs	56,449	60,348	-6.5	55,303	415	140	180	411	987	21,949	19,750	11.1
Cresco	3,860	3,927	-1.7	3,844	2	3	9	2	6	1,646	1,440	14.3
Creston	8,429	8,234	2.4	8,384	16	3	20	6	22	3,642	3,229	12.8
Davenport	103,264	98,469	4.9	94,641	6,296	255	551	1,521	2,859	40,294	33,466	20.4
Decorah	7,991	7,237	10.4	7,742	88	0	34	127	27	2,653	2,059	28.8
Denison	6,675	6,218	7.3	6,541	8	5	43	78	45	2,568	2,167	18.5
Des Moines	191,003	201,404	-5.2	172,618	13,054	556	1,596	3,179	3,523	79,913	72,639	10.0
DeWitt	4,512	3,647	23.7	4,495	1	3	6	7	22	1,789	1,290	38.7
Dubuque	62,321	62,309	*	61,689	219	52	194	167	359	22,160	18,030	22.9
Dyersville	3,825	3,437	11.3	3,814	0	0	3	8	13	1,334	1,009	32.2
Eagle Grove	4,324	4,489	-3.7	4,263	0	5	45	11	10	1,736	1,599	8.6
Eldora	3,053	3,223	-5.0	3,042	0	3	10	8	20	1,340	1,151	16.4
Eldridge	3,279	1,535	113.6	3,261	8	1	3	6	13	1,034	435	137.7
Emmetsburg	4,621	4,150	11.3	4,591	6	2	7	15	31	1,805	1,445	24.9
Estherville	7,518	8,108	-7.3	7,441	9	8	26	34	37	3,075	2,644	16.3
Evansdale	4,798	5,038	-4.8	4,730	11	27	12	18	45	1,669	1,462	14.2

Summary of communities with population of 2,500 or more (cont.)

				Persons						Housing Units		
				Race								
City	1980	1970	% Change 1970-80	White	Black	Am. Indian Eskimo & Aluet	Asian & Pacific Islander	Other	Spanish Origin	1980	1970	% Change 1970-80
Fairfield	9,428	8,715	8.2	9,248	64	14	30	72	81	3,445	3,237	6.7
Forest City	4,270	3,841	11.2	4,217	27	3	5	18	36	1,694	1,289	31.4
Fort Dodge	29,423	31,263	-5.9	28,337	769	25	108	184	368	11,636	10,693	8.8
Fort Madison	13,520	13,996	-3.4	12,532	574	35	66	313	612	5,328	4,998	6.6
Garner	2,908	2,257	28.9	2,890	4	0	2	12	21	1,063	837	27.0
Glenwood	5,280	4,421	19.4	5,246	10	2	15	7	34	1,759	1,291	36.3
Grinnell	8,868	8,402	5.5	8,670	58	16	66	58	48	3,279	2,792	17.4
Harlan	5,357	5,049	6.1	5,322	2	1	16	16	29	2,212	1,778	24.4
Hampton	4,630	4,376	5.8	4,552	6	1	4	67	99	2,016	1,764	14.3
Hawarden	2,722	2,789	-2.4	2,676	11	31	1	3	10	1,120	997	12.3
Hiawatha	4,825	2,416	99.7	4,772	24	10	13	6	39	1,989	709	180.5
Humboldt	4,794	4,665	2.8	4,780	1	4	6	3	11	2,024	1,611	25.6
Independence	6,392	5,910	8.2	6,340	2	8	27	15	30	2,463	2,074	18.8
Indianola	16,843	8,852	22.5	10,694	69	10	52	18	30	4,104	2,833	44.9
Iowa City	50,508	46,850	7.8	47,678	990	81	1,162	597	593	19,235	15,481	24.2
Iowa Falls	6,174	6,454	-4.3	6,078	45	11	22	18	18	2,444	2,259	8.2
Jefferson	4,854	4,735	2.5	4,819	2	9	20	4	6	2,024	1,824	11.0
Johnston	2,617	222	1079.0	2,599	4	0	7	7	15	1,013	54	1776.0
Keokuk	13,536	14,631	-7.5	12,930	468	15	84	39	88	5,667	5,309	6.7
Knoxville	8,143	7,755	5.0	8,030	19	10	49	35	75	3,141	2,506	25.3
Lamoni	2,705	2,540	6.5	2,622	26	7	28	22	39	850	708	20.1
LeClaire	2,899	2,520	15.0	2,871	1	3	9	15	28	1,035	765	35.3
LeMars	8,276	8,159	1.4	8,193	41	2	22	18	37	3,095	2,603	18.9
Manchester	4,942	4,641	6.5	4,920	1	1	7	13	24	2,045	1,704	20.0
Maquoketa	6,313	5,677	11.2	6,288	1	3	17	4	24	2,655	2,090	27.0
Marion	19,474	18,028	8.0	19,234	57	39	95	49	86	7,194	5,522	30.3
Marshalltown	26,938	26,219	2.7	26,260	259	55	135	229	216	10,771	9,127	18.0
Mason City	30,144	30,379	-.8	29,439	201	31	105	368	804	12,617	10,672	18.2
Missouri Valley	3,107	3,519	-11.7	3,098	0	6	2	1	2	1,321	1,233	7.1
Monticello	3,641	3,509	3.8	3,635	0	1	3	2	8	1,492	1,169	27.6
Mount Pleasant	7,322	7,007	4.5	7,087	121	15	47	52	42	2,823	2,396	17.8
Mount Vernon	3,325	3,018	10.2	3,226	41	2	36	20	21	1,006	716	40.5
Muscatine	23,467	22,405	4.7	22,271	167	34	95	900	1,297	8,975	7,742	15.9
Nevada	5,912	4,952	19.4	5,875	6	2	13	16	26	2,402	1,792	34.0
New Hampton	3,940	3,621	8.8	3,922	0	4	4	10	6	1,588	1,216	30.6
Newton	15,292	15,619	-2.1	15,154	17	19	45	57	100	6,471	5,625	15.0
Norwalk	2,676	1,745	53.4	2,647	9	1	15	4	14	861	499	72.5
Oelwein	7,564	7,735	-2.2	7,479	8	5	14	58	144	3,069	2,817	8.9
Onawa	3,283	3,154	4.1	3,267	0	8	4	4	14	1,396	1,211	15.3
Orange City	4,588	3,572	28.4	4,527	14	6	9	32	9	1,529	1,154	32.5
Osage	3,718	3,815	-2.5	3,710	0	0	8	0	10	1,610	1,386	16.2
Osceola	3,750	3,124	20.0	3,727	4	2	12	5	13	1,806	1,376	31.3
Oskaloosa	10,629	11,224	-5.3	10,363	109	19	33	105	54	4,605	4,292	7.3
Ottumwa	27,381	29,610	-7.5	26,937	255	30	63	96	125	11,459	11,158	2.7
Pella	8,349	6,668	25.2	8,086	53	5	88	117	49	3,070	2,132	44.0
Perry	7,053	6,906	2.1	6,980	32	1	29	11	77	2,980	2,650	12.5
Pleasant Hill	3,493	1,535	127.6	3,388	31	9	48	17	49	1,182	401	194.8
Red Oak	6,810	6,210	9.7	6,760	8	4	13	25	15	3,021	2,537	19.1
Rock Rapids	2,693	2,632	2.3	2,667	1	0	3	22	7	1,182	1,018	16.1
Rock Valley	2,706	2,205	22.7	2,660	4	1	15	26	17	994	725	37.1
Sac City	3,000	3,268	-8.2	2,997	1	0	0	2	11	1,284	1,205	6.6
Sheldon	5,003	4,535	10.3	4,986	2	2	5	8	16	1,955	1,597	22.4
Shenandoah	6,274	5,968	5.1	6,225	0	8	12	29	47	2,834	2,444	16.0
Sibley	3,051	2,749	11.0	3,040	2	6	2	1	2	1,234	1,031	19.7
Sioux Center	4,588	3,450	33.0	4,528	4	13	22	21	12	1,470	957	53.6
Sioux City	82,003	85,925	-4.6	78,861	1,118	1,135	291	598	1,081	32,007	29,197	9.6
Spencer	11,726	10,078	14.1	11,616	1	25	27	57	37	4,803	3,689	30.2
Spirit Lake	3,976	3,014	31.9	3,941	0	11	3	21	15	1,717	1,196	43.6
Storm Lake	8,814	8,591	2.6	8,729	6	3	12	64	39	3,363	2,933	14.7
Story City	2,762	2,104	31.3	2,732	1	1	4	24	1	1,137	804	41.4
Tama	2,968	3,000	-1.1	2,866	1	82	7	12	14	1,794	1,083	10.2
Tipton	3,055	2,877	6.2	3,033	0	3	10	9	6	1,317	1,067	23.4
Urbandale	17,869	14,434	23.8	17,479	140	17	172	61	97	6,904	4,276	61.5
Vinton	5,040	4,845	4.0	5,017	1	11	5	6	21	2,157	1,770	21.9
Washington	6,584	6,317	4.2	6,540	5	5	28	6	37	2,772	2,441	13.6
Waterloo	75,985	75,533	0.6	66,953	8,239	150	312	331	586	29,545	25,301	16.8
Waukon	3,983	3,883	2.6	3,961	0	1	3	18	12	1,654	1,369	20.8
Waverly	8,444	7,205	17.2	8,335	32	4	47	26	27	2,985	2,267	31.7
Webster City	8,572	8,488	1.0	8,503	2	8	33	26	47	3,433	3,073	11.7
West Burlington	3,371	3,139	7.4	3,333	26	1	8	3	12	1,466	1,045	40.3
West Des Moines	21,894	16,441	33.2	21,272	243	13	136	230	465	8,927	5,061	76.4
West Liberty	2,723	2,296	18.6	2,457	2	0	11	253	503	1,042	812	28.3
West Union	2,783	2,624	6.1	2,777	1	0	5	0	18	1,118	953	17.3
Wilton	2,502	1,873	33.6	2,486	0	2	2	12	18	963	670	43.7
Windsor Heights	5,632	6,303	-10.6	5,544	26	7	37	18	35	2,267	2,040	11.1
Winterset	4,021	3,654	10.0	3,989	3	4	8	17	9	1,732	1,478	17.2

*Indicates no change in population from 1970-80

Source: 1980 U.S. Census. Compiled by Iowa Department of Economic Development

Population projections for Iowa counties, 1980-2000

County	1980	1985	1990	1995	2000
State	2,913,808	2,905,400	2,913,500	2,931,800	2,965,000
Adair	9,509	9,100	8,700	8,500	8,300
Adams	5,731	5,500	5,300	5,200	5,200
Allamakee	15,108	14,900	14,800	14,900	15,000
Appanoose	15,511	14,900	14,500	14,300	14,400
Audubon	8,559	8,300	8,200	8,100	8,100
Benton	23,649	23,000	22,700	22,500	22,400
Black Hawk	137,961	137,400	137,200	137,700	139,400
Boone	26,184	25,900	25,800	25,600	25,500
Bremer	24,820	24,900	25,000	25,300	25,600
Buchanan	22,900	23,200	23,700	24,300	25,000
Buena Vista	20,774	21,000	21,300	21,500	21,600
Butler	17,668	17,400	17,200	17,000	17,000
Calhoun	13,542	13,200	12,900	12,600	12,400
Carroll	22,951	22,900	23,100	23,500	23,900
Cass	16,932	17,100	17,200	17,400	17,500
Cedar	18,635	18,300	18,100	18,000	18,000
Cerro Gordo	48,458	48,100	47,900	47,700	47,400
Cherokee	16,238	15,800	15,600	15,400	15,300
Chickasaw	15,437	15,000	14,900	14,900	15,000
Clarke	8,612	9,100	9,400	9,800	10,000
Clay	19,576	18,800	18,300	18,000	18,000
Clayton	21,098	20,900	20,900	21,000	21,200
Clinton	57,122	56,800	56,800	57,000	57,400
Crawford	18,935	19,500	20,100	20,700	21,200
Dallas	29,513	29,200	28,900	28,800	28,900
Davis	9,104	9,400	9,800	10,100	10,400
Decatur	9,794	9,200	8,800	8,600	8,600
Delaware	18,933	18,900	19,300	19,800	20,400
Des Moines	46,203	44,900	44,000	43,500	43,300
Dickinson	15,629	15,700	15,700	15,700	15,800
Dubuque	93,745	91,400	90,700	91,100	92,300
Emmet	13,336	13,300	13,300	13,300	13,400
Fayette	25,488	24,700	24,200	24,000	23,900
Floyd	19,597	19,000	18,600	18,400	18,300
Franklin	13,036	12,500	12,100	11,700	11,500
Fremont	9,401	9,300	9,100	9,900	9,000
Greene	12,119	11,800	11,600	11,400	11,400
Grundy	14,366	13,800	13,500	13,200	13,000
Guthrie	11,983	11,500	11,100	10,800	10,600
Hamilton	17,862	17,600	17,400	17,300	17,200
Hancock	13,833	13,600	13,600	13,600	13,700
Hardin	21,776	21,400	21,200	21,100	21,000
Harrison	16,348	16,100	16,000	15,900	16,000
Henry	18,890	18,300	18,000	17,800	17,700
Howard	11,114	10,900	10,800	10,900	10,900
Humboldt	12,246	12,000	11,800	11,700	11,600
Ida	8,908	8,600	8,500	8,300	8,200
Iowa	15,429	15,200	15,100	15,000	15,000
Jackson	22,503	22,300	22,300	22,500	22,900
Jasper	36,425	35,900	35,600	35,300	35,100
Jefferson	16,316	16,300	16,400	16,300	16,200
Johnson	81,717	85,300	87,900	90,500	93,700
Jones	20,401	20,200	20,200	20,200	20,400

Population projections (continued)

County	1980	1985	1990	1995	2000
Keokuk	12,921	12,500	12,200	12,000	11,900
Kossuth	21,891	21,500	21,400	21,400	21,600
Lee	43,106	42,700	42,600	42,600	42,800
Linn	169,775	167,100	166,100	166,300	167,400
Louisa	12,055	12,400	12,600	13,000	13,300
Lucas	10,313	10,400	10,600	10,700	10,800
Lyon	12,896	12,700	12,600	12,600	12,700
Madison	12,597	12,600	12,600	12,700	12,800
Mahaska	22,867	22,500	22,200	22,100	22,200
Marion	29,669	30,500	31,300	32,000	32,500
Marshall	41,652	42,500	43,300	44,000	44,600
Mills	13,406	14,000	14,600	15,100	15,600
Mitchell	12,329	11,800	11,600	11,400	11,300
Monona	11,692	11,300	11,100	10,900	10,700
Monroe	9,209	9,100	9,000	8,900	8,900
Montgomery	13,413	12,900	12,500	12,300	12,200
Muscatine	40,436	43,500	46,400	48,900	51,000
O'Brien	16,972	17,000	17,000	17,000	17,100
Osceola	8,371	8,100	7,900	7,800	7,800
Page	19,063	18,900	18,700	18,500	18,500
Palo Alto	12,721	12,300	12,200	12,100	12,100
Plymouth	24,743	24,100	23,900	23,800	24,000
Pocahontas	11,369	11,000	10,700	10,600	10,500
Polk	303,170	309,900	316,100	321,600	326,900
Pottawattamie	86,561	88,300	90,100	91,900	93,700
Poweshiek	19,306	18,600	18,200	17,900	17,800
Ringgold	6,112	6,000	5,800	5,700	5,600
Sac	14,118	13,600	13,300	13,000	12,900
Scott	160,022	162,900	166,600	171,000	176,000
Shelby	15,043	14,600	14,400	14,400	14,300
Sioux	30,813	30,700	31,000	31,600	32,500
Story	72,326	72,900	73,300	75,200	78,500
Tama	19,533	19,200	19,000	18,800	18,800
Taylor	8,353	8,300	8,200	8,200	8,300
Union	13,858	14,000	14,100	14,200	14,400
Van Buren	8,626	8,500	8,400	8,400	8,500
Wapello	40,241	39,100	38,100	37,300	36,800
Warren	34,878	35,400	36,100	36,900	37,800
Washington	20,141	20,100	20,200	20,400	20,600
Wayne	8,199	8,100	7,900	7,800	7,800
Webster	45,953	44,600	43,700	43,100	42,900
Winnebago	13,010	12,300	11,800	11,500	11,300
Winneshiek	21,876	21,900	22,000	22,400	22,900
Woodbury	100,884	101,500	102,400	103,600	105,500
Worth	9,075	8,800	8,500	8,300	8,100
Wright	16,319	15,900	15,800	15,600	15,700

Source: Iowa Department of Economic Development

Population projections by age and sex

						AGE GROUP					
YEAR TOTAL	**TOTAL**	**0-4**	**5-9**	**10-14**	**15-19**	**20-24**	**25-29**	**30-34**	**35-39**	**40-44**	**45-49**
1980	2,913,808	221,628	211,041	231,700	277,633	272,024	243,200	205,954	161,246	141,451	135,520
1985	2,905,400	236,100	220,200	207,900	214,900	239,100	242,500	233,200	199,400	158,600	138,500
1990	2,913,500	229,300	234,900	217,200	196,900	193,100	219,600	234,500	225,700	195,600	154,800
1995	2,931,800	214,900	229,100	232,300	208,500	181,700	181,800	215,000	228,500	221,100	190,400
2000	2,965,000	205,300	215,600	227,300	225,800	197,500	175,300	180,100	211,000	224,800	217,100
MALE											
1980	1,416,390	113,305	107,877	118,841	140,188	135,749	123,366	103,613	79,979	69,655	65,675
1985	1,416,400	120,900	112,400	105,100	107,200	119,100	123,400	120,500	101,200	70,300	68,600
1990	1,424,000	117,300	120,100	110,000	97,400	95,100	111,100	121,400	117,200	99,100	77,600
1995	1,435,600	109,900	117,000	118,000	103,700	88,[illegible]0	90,800	110,600	118,700	115,100	97,100
2000	1,455,600	104,900	110,100	115,600	113,300	97,300	86,700	91,300	108,600	116,800	112,900
FEMALE											
1980	1,497,418	108,323	103,164	112,859	137,445	136,275	119,834	102,341	81,267	71,796	69,845
1985	1,489,000	115,200	107,800	102,700	107,700	120,000	119,100	112,700	98,200	79,300	69,900
1990	1,489,500	112,000	114,800	107,300	99,500	98,000	108,500	113,100	108,400	95,300	77,200
1995	1,496,300	105,000	112,000	114,300	104,700	92,800	91,100	104,400	109,900	106,000	93,200
2000	1,509,400	100,400	105,500	111,700	112,500	100,200	88,600	88,800	102,400	108,000	104,200

TOTAL	**50-54**	**55-59**	**60-64**	**65-69**	**70-74**	**75+**	**0-14**	**0-64**	**15-49**	**15-64**	**65+**
1980	145,902	145,854	133,071	117,905	96,949	172,730	664,369	2,526,224	1,437,028	1,861,855	387,584
1985	131,200	136,900	133,900	121,300	102,900	188,600	664,200	2,492,400	1,426,200	1,828,200	412,800
1990	134,300	124,500	126,600	121,700	105,700	200,200	681,400	2,485,900	1,419,100	1,804,500	427,600
1995	150,600	128,300	116,000	115,400	106,700	211,500	676,300	2,498,200	1,427,000	1,821,900	433,600
2000	185,900	144,800	120,400	106,200	101,800	226,100	648,200	2,530,900	1,431,600	1,882,700	434,100
MALE											
1980	71,343	69,954	62,177	53,196	41,052	60,420	340,023	1,261,722	718,225	921,699	154,668
1985	63,600	67,100	63,500	54,700	43,900	65,900	338,400	1,251,900	719,300	913,500	164,500
1990	66,400	60,400	61,200	55,600	44,800	69,300	347,400	1,254,300	718,900	906,900	169,700
1995	75,300	63,300	55,400	53,800	45,700	72,200	344,900	1,263,800	724,900	918,900	171,700
2000	94,500	72,200	58,500	49,000	44,500	79,400	330,600	1,282,700	726,900	952,100	172,900
FEMALE											
1980	74,559	75,900	70,894	64,709	55,897	112,310	324,346	1,264,502	718,803	940,156	232,916
1985	67,600	69,900	70,400	66,700	59,000	122,800	325,700	1,240,500	706,900	914,800	248,500
1990	67,900	64,200	65,500	66,100	60,900	130,900	334,100	1,231,700	700,000	897,600	257,900
1995	75,300	65,000	60,700	61,600	60,900	139,300	331,300	1,234,400	702,100	903,100	261,800
2000	91,300	72,600	62,000	57,300	57,300	146,700	317,600	1,248,200	704,700	930,600	261,300

Source: Iowa Department of Economic Development.

Retail-Wholesale Trade

Retail trade employment and payroll, 1984

SIC Code	Kind of Business[1]	Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	Retail trade	20,857	195,397	1,628,380
52	Building materials and garden supplies	1,520	8,918	110,008
521	Lumber and other building materials	653	4,838	72,219
525	Hardware stores	530	2,725	21,843
53	General merchandise stores	612	22,652	178,768
531	Department stores	153	17,754	143,678
533	Variety stores	203	1,969	11,854
539	Misc. general merchandise stores	251	2,880	22,975
54	Food stores	2,274	31,752	296,030
541	Grocery stores	1,685	28,470	275,085
542	Meat markets and freezer provisioners	132	698	5,582
543	Fruit stores and vegetable markets	15	105	658
544	Candy, nut and confectionary stores	60	281	1,768
545	Dairy products stores	92	425	3,013
546	Retail bakeries	195	1,422	7,359
549	Miscellaneous food stores	76	304	2,069
55	Automotive dealers & service stations	3,449	24,144	319,148
551	New and used car dealers	631	10,275	182,439
552	Used car dealers only	125	354	3,294
553	Auto and home supply stores	521	3,048	42,272
554	Gasoline service stations	1,942	9,437	76,920
56	Apparel and accessory stores	2,051	12,168	80,965
561	Men's and boys clothing and furnishings stores	307	1,736	14,233
562	Women's ready to wear stores	758	4,634	26,476
565	Family clothing stores	219	2,503	17,495
566	Shoe stores	491	2,168	16,557
571	Furniture and home furnishings stores	680	3,798	43,132
572	Household appliance stores	218	1,001	11,175
573	Radio, television and music stores	451	1,942	22,257
58	Eating and drinking places	5,591	63,423	303,121
5812	Eating places	3,788	(L)	(D)
5813	Drinking places (alcoholic beverages)	1,486	5,424	23,666
591	Drug and proprietary stores	733	6,470	60,603
594	Miscellaneous shopping good store	1,416	6,919	50,839
5941	Sporting goods and bicycle shops	290	1,242	10,162
5942	Book stores	112	625	4,594
5943	Stationery stores	31	219	2,381
5944	Jewelry stores	291	1,529	15,418
5947	Gift, novelty, and souvenir shops	316	1,475	8,733
596	Nonstore retailers	334	2,915	23,463
5983	Fuel oil dealers	53	(C)	(D)
5984	Liquefied petroleum gas dealers	204	790	12,220
5992	Florists	351	1,617	10,024

[1] Only selected business classifications are shown.

(C) 100-249 employees

(D) Figures withheld to avoid disclosure of operations of individual establishments.

(L) 50,000-99,999 employees

Source: County Business Patterns, 1984, U.S. Department of Commerce, Bureau of the Census.

Retail sales by store group, 1985

County	Total Retail Sales ($000)	Food ($000)	Eating & Drinking Places ($000)	General Mdse. ($000)	Furniture/ Furnish./ Appliance ($000)	Auto-motive ($000)	Drug ($000)
Adair	44,057	12,985	4,482	1,326	607	7,032	1,078
Adams	15,651	5,115	592	449	424	2,301	513
Allamakee	79,600	22,862	4,491	4,733	1,268	24,065	692
Appanoose	67,292	20,108	4,760	7,241	1,815	11,688	1,346
Audubon	35,931	8,429	1,951	1,070	1,913	10,792	886
Benton	79,263	17,988	5,323	1,253	3,079	26,310	2,615
Black Hawk	730,152	140,707	62,640	105,189	32,619	174,453	25,106
Boone	104,548	25,495	8,355	6,397	5,930	27,204	3,374
Bremer	83,288	25,462	6,386	5,226	2,577	17,628	3,163
Buchanan	84,850	22,953	5,911	4,280	982	22,554	2,914
Buena Vista	144,041	31,572	10,545	13,857	5,228	38,397	3,379
Butler	41,661	11,949	2,107	2,179	1,671	10,014	820
Calhoun	45,440	12,974	2,379	1,710	2,731	11,494	1,405
Carroll	163,096	23,487	10,635	12,327	3,501	45,699	1,762
Cass	121,390	28,322	6,177	11,179	2,139	24,654	4,150
Cedar	77,732	18,262	3,975	3,058	2,451	20,827	1,301
Cerro Gordo	349,915	82,104	23,713	46,704	12,348	71,373	9,436
Cherokee	88,858	22,395	4,257	5,664	2,472	28,865	2,860
Chickasaw	48,420	11,404	3,273	2,659	1,368	14,922	1,635
Clarke	50,401	15,613	3,637	4,522	348	8,995	916
Clay	135,730	27,713	9,143	12,563	5,070	35,058	3,158
Clayton	77,594	17,862	4,197	937	2,431	24,091	2,205
Clinton	321,821	76,082	24,331	32,791	17,671	91,349	9,037
Crawford	67,511	17,130	6,416	3,265	1,775	12,192	1,815
Dallas	119,772	35,143	4,637	12,048	2,657	35,867	1,869
Davis	31,398	7,981	1,696	521	946	8,034	1,051
Decatur	37,792	13,203	2,228	1,415	879	5,655	2,097
Delaware	78,214	20,699	5,072	6,130	1,584	17,703	3,220
Des Moines	269,561	64,056	21,062	43,844	14,213	47,035	7,336
Dickinson	81,254	15,488	10,259	4,272	2,143	18,506	2,175
Dubuque	501,102	103,342	43,555	86,365	25,035	104,728	17,307
Emmet	60,608	15,437	3,445	4,524	1,616	16,076	1,547
Fayette	105,508	24,936	5,640	8,215	3,845	31,232	2,121
Floyd	92,047	25,240	6,173	10,432	2,414	19,309	2,293
Franklin	46,370	12,454	2,056	2,741	1,471	11,008	1,340
Fremont	44,126	18,751	2,344	214	1,135	5,166	1,734
Greene	59,455	12,572	3,988	2,856	890	20,890	2,479
Grundy	47,496	14,694	4,255		1,541	11,919	2,260
Guthrie	25,988	8,137	1,709	1,885	1,690	5,192	1,192
Hamilton	72,780	22,308	6,059	4,294	2,064	9,908	2,582
Hancock	32,893	9,944	2,467	569	1,924	7,406	1,625
Hardin	138,244	33,435	5,920	8,247	3,302	44,579	3,848
Harrison	83,250	13,723	5,331	1,404	2,816	37,685	3,727
Henry	91,434	21,938	4,926	7,431	2,951	28,335	3,165
Howard	43,503	13,265	1,986	1,792	1,429	8,331	2,345
Humboldt	52,497	16,022	4,075	3,533	1,789	13,692	1,906
Ida	44,959	12,142	1,997	2,693	747	11,499	1,652
Iowa	76,336	19,373	15,215	1,099	4,283	11,094	1,491
Jackson	76,116	24,088	4,819	5,856	2,845	14,901	2,493
Jasper	165,459	40,645	11,128	9,889	5,110	40,583	6,495

Retail sales (continued)

County	Total Retail Sales ($000)	Food ($000)	Eating & Drinking Places ($000)	General Mdse. ($000)	Furniture/ Furnish./ Appliance ($000)	Auto-motive ($000)	Drug ($000)
Jefferson	82,571	20,927	5,205	6,006	1,369	24,410	2,446
Johnson	420,547	90,098	45,458	55,543	21,269	76,190	11,652
Jones	69,992	17,518	4,047	5,160	1,584	19,655	1,892
Keokuk	34,335	4,163	1,734	273	833	12,096	978
Kossuth	102,495	20,934	7,199	8,983	4,157	31,243	1,996
Lee	194,355	55,747	14,863	23,505	10,130	39,754	7,045
Linn	994,056	216,281	83,559	180,920	43,237	198,035	31,497
Louisa	37,529	13,415	3,235	657	819	11,589	1,185
Lucas	64,689	18,155	2,880	2,440	2,030	9,778	1,930
Lyon	35,899	9,387	2,030	904	3,390	6,763	483
Madison	59,504	15,425	5,163	1,674	1,243	15,534	2,019
Mahaska	101,657	27,613	8,563	9,244	5,606	18,407	2,763
Marion	104,416	25,656	9,453	7,984	4,895	27,546	3,594
Marshall	209,531	51,952	16,961	25,084	6,776	48,265	9,715
Mills	44,800	11,827	2,969	2,157	890	15,019	1,606
Mitchell	47,952	7,244	2,702	962	1,605	10,547	1,646
Monona	59,896	11,482	3,571	1,926	1,640	24,258	3,289
Monroe	27,654	9,009	1,166	829	237	6,885	473
Montgomery	84,382	18,212	4,864	12,481	2,405	19,369	3,970
Muscatine	209,683	57,838	16,530	16,108	8,502	33,945	8,202
O'Brien	89,480	17,503	5,495	5,163	1,988	25,613	3,284
Osceola	23,465	5,838	1,529	904	585	3,893	376
Page	108,745	12,373	4,762	15,662	4,346	19,239	3,800
Palo Alto	55,183	9,988	2,780	1,476	2,313	18,294	1,585
Plymouth	113,611	30,812	7,456	8,265	1,809	29,320	2,153
Pocahontas	32,841	7,714	2,467	820	879	8,161	311
Polk	2,202,629	489,036	199,644	322,518	117,296	462,420	53,694
Pottawattamie	568,004	98,292	41,980	50,403	8,180	163,557	23,629
Poweshiek	125,636	27,953	9,447	6,653	2,614	29,814	2,852
Ringgold	22,900	5,835	1,885	1,147	569	8,251	646
Sac	53,748	9,184	3,088	1,046	632	12,846	1,608
Scott	965,471	202,234	96,659	150,764	45,177	200,023	27,274
Shelby	76,393	19,662	6,171	8,803	837	19,090	2,028
Sioux	117,288	25,133	5,991	3,594	4,002	42,976	3,665
Story	409,243	101,088	37,150	51,403	18,301	98,802	10,419
Tama	70,117	21,852	4,921	4,374	2,806	12,898	810
Taylor	27,937	9,785	2,206	774	764	3,403	451
Union	77,256	20,852	4,775	6,163	1,263	18,156	1,387
Van Buren	20,266	5,457	1,650	442	755	2,310	369
Wapello	203,162	56,523	12,220	22,658	6,755	41,562	6,296
Warren	93,257	24,510	5,388	4,630	1,263	35,821	2,110
Washington	87,053	20,843	6,085	8,576	2,849	22,246	2,163
Wayne	30,873	8,189	1,991	726	698	5,139	1,193
Webster	267,537	49,019	22,734	43,774	10,918	64,864	5,945
Winnebago	60,242	13,023	3,791	3,933	1,127	22,564	2,090
Winneshiek	100,754	23,068	8,861	7,160	5,366	19,207	2,754
Woodbury	638,397	142,236	45,283	103,018	26,145	137,007	17,530
Worth	27,139	8,069	1,708	66	991	4,427	794
Wright	75,719	23,886	4,731	2,277	2,696	19,821	1,961
TOTAL STATE	15,266,893	3,510,829	1,196,718	1,732,880	600,278	3,549,302	448,474

Source: 1986 Survey of Buying Power, Sales and Marketing Management, July 28, 1986

Wholesale trade, 1984

SIC Code	Kind of Business[1]	Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	Wholesale trade	7,435	70,021	1,265,217
501	Motor vehicles and automotive equipment	622	5,141	87,010
502	Furniture and home furnishings	74	732	13,691
503	Lumber and other construction materials	182	1,833	38,008
504	Sporting goods, toys, and hobby goods	71	660	10,421
505	Metals and minerals, except petroleum	71	666	15,472
506	Electrical goods	300	3,079	63,827
507	Hardware, plumbing, heating (equipment and supplies)	251	1,979	38,504
508	Machinery, equipment and supplies	1,695	15,410	293,368
511	Paper and paper products	126	1,452	27,334
512	Drugs and drug proprietaries and drug sundries	26	245	4,119
513	Apparel, piece goods and notions	29	292	3,876
514	Groceries and related products	383	8,567	165,105
515	Farm products raw materials	1,228	(J)	(D)
516	Chemicals and allied products	103	849	17,666
517	Petroleum and petroleum products	533	3,324	50,207
518	Beer, wines and distilled alcoholic beverages	96	1,251	27,223

(D) Figures withheld to avoid disclosure of operations of individual establishments

(J) 10,000-24,999 employees

[1] Only selected business classifications are shown.

Source: County Business Patterns, 1984. U.S. Department of Commerce, Bureau of the Census

Service Industries

SIC Code	Kind of Business[1]	Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	Selected service industries	20,503	209,701	2,432,308
701	Hotels, motels and tourist courts	481	8,849	57,544
703	Camps and trailering parks	42	118	1,306
7032	Sporting and recreational camps	26	107	1,111
704	Membership-basis organization hotels	101	457	2,209
72	Personal services	2,679	11,529	92,410
721	Laundry, cleaning and garment services	457	3,180	26,065
722	Photographic studios, portrait	150	546	4,427
723	Beauty shops	1,291	4,672	34,226
724	Barber shops	84	200	2,022
726	Funeral service and crematories	346	1,274	18,046
73	Business services	1,841	25,002	318,929
731	Advertising	132	1,300	21,636
732	Credit reporting and collection	79	615	7,359
7331	Direct mail advertising	23	1,559	16,039
7332	Blueprinting and photocopying	17	112	1,188
7333	Commercial photography and art	48	194	3,386
7339	Stenographic and reproduction, nec	34	180	2,701
734	Services to buildings	323	4,623	32,609
736	Personnel supply services	111	3,156	23,301
737	Computer and data processing services	150	3,726	72,096
7392	Management and public relations	263	3,461	62,420
7394	Equipment rental and leasing	190	1,221	24,436
75	Auto repair, services and garages	1,612	6,627	89,568
751	Automotive rental and leasing, without drives	115	(G)	(D)
752	Automobile parking	35	143	1,407
753	Automobile repair shops	1,322	4,636	63,119
754	Automotive services, except repair	138	703	5,751
76	Miscellaneous repair services	705	2,613	34,332
762	Electrical repair shops	185	621	8,685
78	Motion pictures	196	1,396	8,556
781	Motion picture production and services	11	(B)	(D)
782	Motion picture distribution and services	10	103	1,446
783	Motion picture theaters	174	1,223	5,825
79	Amusement and recreation services	1,005	7,238	49,289
791	Dance halls, studios and schools	56	306	939
792	Producers, orchestras, & entertainers	56	653	2,625
7933	Bowling alleys	215	2,122	10,854
80	Health services	4,431	79,882	1,126,787
801	Offices of physicians	1,465	12,273	354,859
802	Offices of dentists	1,174	4,953	69,462
803	Office of osteopathic physicians	210	856	15,118
804	Offices of other health practioners	755	2,049	25,847
805	Nursing and personal care facilities	425	26,543	192,604
806	Hospitals	72	29,569	419,042
8071	Medical laboratories	39	470	8,295
8072	Dental laboratories	61	471	7,348
808	Outpatient care facilities	132	1,416	19,195
81	Legal services	1,443	5,725	90,297
82	Educational services	306	17,527	170,063
83	Social services	1,435	16,562	119,302
84	Museums, botanical, zoological gardens	30	172	2,058
86	Membership organizations	3,086	18,571	130,999
891	Engineering & architectural services	288	2,603	65,739
893	Accounting, auditing and bookkeeping	618	3,363	53,918

All kind of business classifications are not shown, therefore detail does not add to total.

(D) Figures withheld to avoid disclosure of operations of individual establishments.

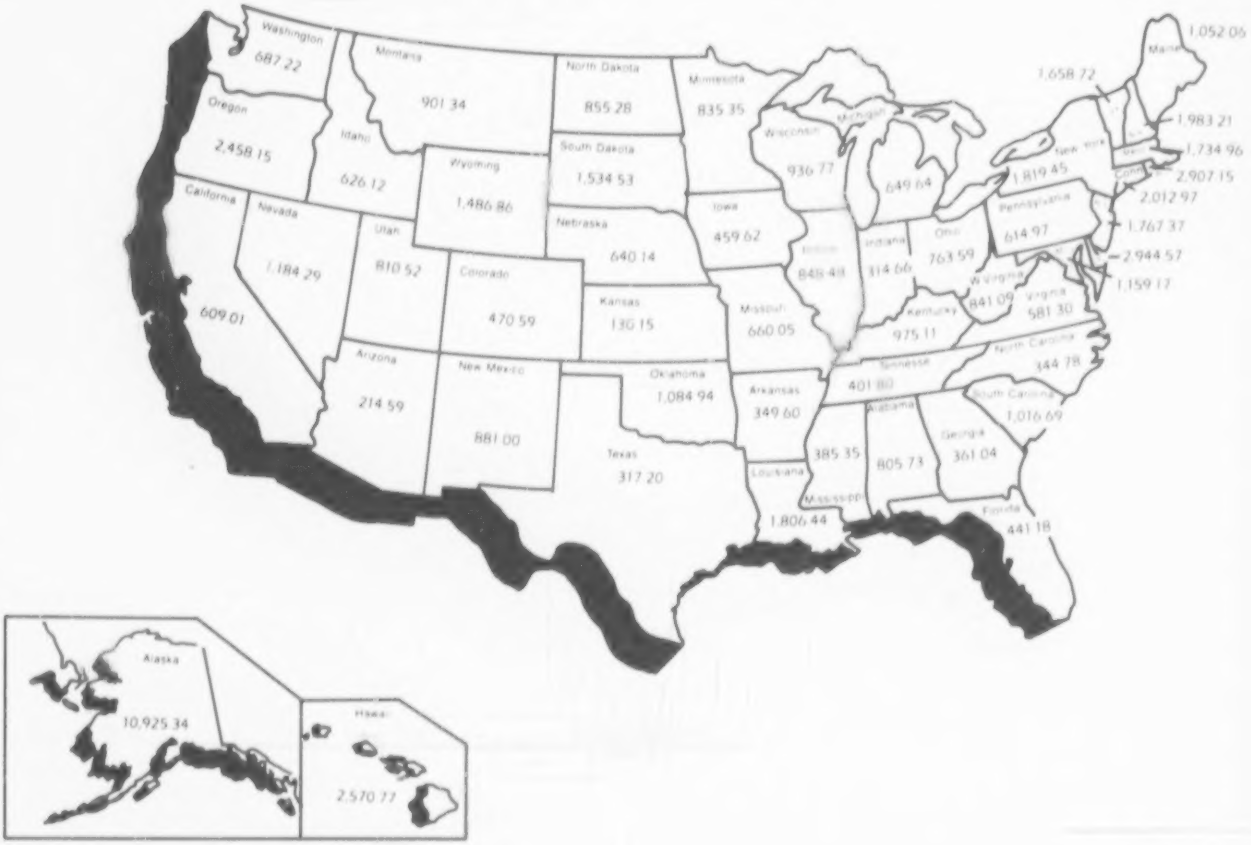
(B) 20-99 employees.

(G) 1,000-2,499 employees.

Source: County Business Patterns, 1984, U.S. Department of Commerce, Bureau of the Census.

Taxes

Per capita state government debt,* 1985



Iowans are not spendthrifts. Our per capita debt is one of the nation's lowest. This means that Iowa's future is not mortgaged, and more tax revenue is spent to accomplish programs instead of paying interest.

We don't have to spend as much on welfare, police and corrections as other states, and we put a greater emphasis on education and highways.

Iowa exempts from its four percent sales and use tax, food and drugs, thus reducing the "family" impact of this tax.

*Per capita gross state government debt at the end of the year

Source: State Government Finances in 1985, U.S. Department of Commerce.

Comparison of expenditures, U.S./Iowa, 1985

	Per Capita		Thousands of Dollars	
	U.S. Avg.	Iowa	U.S. Total	Iowa
Total General Expenditures	$1,449.44	$1,466.25	345,132,879	4,228,661
Education	540.09	620.62	128,604,436	1,789,860
Highways	139.37	240.53	33,186,443	693,689
Public Welfare	282.71	254.85	67,317,011	734,993
Health & Hospital	115.89	111.93	27,594,838	322,794
Police Protection	14.77	10.54	3,517,932	30,409
Corrections	38.52	29.19	9,171,052	84,181
Interest on Debt	62.92	22.25	14,982,498	64,171

Source: State Government Finances in 1985, U.S. Department of Commerce, Bureau of the Census

Relation of government finances to personal income, 1985

	General Revenues Per $1,000 Personal Income						General Expenditures Per $1,000 Personal Income				
			Taxes					Education			
	Total	Revenue from Federal Government	Total[1]	General Sales or Gross Receipts	Individual Income	Charges and Miscellaneous	Total[1]	Total Education	Higher Education	Public Welfare	Highways
U.S. Average	121.39	28.07	71.54	23.14	21.15	19.97	129.86	42.73	15.88	22.37	11.03
Illinois	96.79	23.73	58.08	20.02	16.37	14.56	103.79	35.95	10.97	11.96	11.65
Indiana	110.26	25.10	67.31	32.80	19.98	17.54	109.97	45.14	18.48	15.67	11.96
IOWA	113.17	26.92	65.21	21.42	23.30	19.76	130.85	50.59	22.26	20.77	[illegible]
Kansas	97.27	22.45	59.29	16.93	18.68	15.10	100.55	41.88	17.62	14.16	14.20
Minnesota	149.84	30.99	94.83	24.46	40.51	22.32	147.31	48.90	18.60	26.84	12.95
Missouri	95.09	24.30	55.10	23.31	17.32	15.33	95.60	36.17	11.88	15.40	11.47
Nebraska	100.36	26.30	52.10	17.10	15.97	20.46	107.08	34.69	18.66	16.47	18.00
Ohio	111.23	24.66	65.13	21.68	20.94	20.42	[illegible]	40.89	16.08	23.59	10.73
South Dakota	118.96	39.21	45.49	23.62	0	33.29	[illegible]	32.63	16.45	15.34	23.17
Wisconsin	137.68	32.41	85.22	24.45	33.79	18.87	[illegible]	45.28	19.43	30.19	9.93

[1] Includes amounts for categories not shown separately.

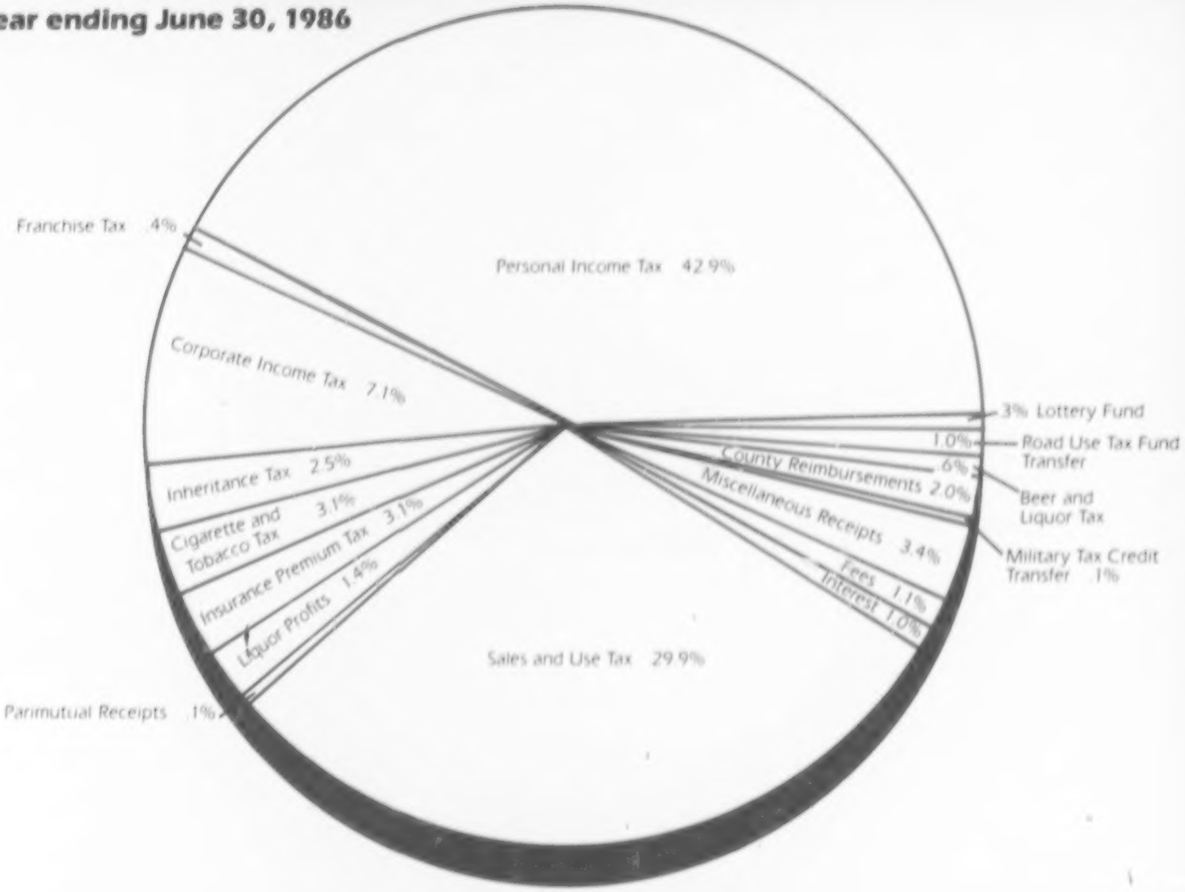
Source: State Government Finances in 1985, U.S. Department of Commerce, Bureau of the Census

Property Tax Valuation, 1985
(Total all real, personal & utility property)

County	Actual Value
Adair	$ 389,815,810
Adams	226,706,070
Allamakee	455,531,618
Appanoose	329,706,959
Audubon	342,814,981
Benton	764,176,150
Black Hawk	3,248,310,851
Boone	806,172,543
Bremer	666,689,423
Buchanan	649,043,027
Buena Vista	784,146,233
Butler	613,982,250
Calhoun	610,240,952
Carroll	796,902,639
Cass	536,234,141
Cedar	695,213,372
Cerro Gordo	1,466,573,515
Cherokee	547,546,642
Chickasaw	549,448,572
Clarke	267,707,410
Clay	751,181,334
Clayton	575,571,676
Clinton	1,560,721,719
Crawford	619,694,898
Dallas	946,892,436
Davis	238,624,423
Decatur	225,630,065
Delaware	564,024,521
Des Moines	1,110,433,020
Dickinson	815,218,672
Dubuque	1,927,326,094
Emmet	441,356,626
Fayette	737,856,261
Floyd	649,535,740
Franklin	605,690,151
Fremont	423,073,824
Greene	561,627,071
Grundy	643,533,660
Guthrie	439,366,346
Hamilton	775,947,235
Hancock	722,065,004
Hardin	768,533,077
Harrison	545,837,774
Henry	521,680,552
Howard	393,825,865
Humboldt	529,808,024
Ida	341,479,192
Iowa	564,504,391
Jackson	519,139,009
Jasper	1,023,035,858
Jefferson	459,749,860
Johnson	2,331,412,100
Jones	562,952,914
Keokuk	450,406,440
Kossuth	1,077,799,125
Lee	1,112,390,374
Linn	4,500,353,194
Louisa	475,863,416
Lucas	257,902,926
Lyon	470,324,576
Madison	410,719,491
Mahaska	646,826,270
Marion	736,228,588
Marshall	1,164,831,659
Mills	463,791,195
Mitchell	479,604,450
Monona	467,479,543
Monroe	303,043,347
Montgomery	425,947,046
Muscatine	1,358,989,017
O'Brien	640,320,288
Osceola	363,115,798
Page	477,395,187
Palo Alto	529,470,853
Plymouth	819,669,706
Pocahontas	585,866,341
Polk	8,050,013,465
Pottawattamie	1,936,688,312
Poweshiek	621,686,75
Ringgold	208,269,365
Sac	574,038,277
Scott	4,194,405,407
Shelby	495,528,444
Sioux	901,287,999
Story	1,743,255,543
Tama	681,579,904
Taylor	242,814,860
Union	355,972,658
Van Buren	214,292,005
Wapello	744,979,315
Warren	824,688,727
Washington	684,843,025
Wayne	267,959,288
Webster	1,309,272,449
Winnebago	482,919,295
Winneshiek	572,460,185
Woodbury	2,448,681,632
Worth	403,287,406
Wright	86,973,487
Statewide	**$85,608,528,785**

General fund receipts
(dollars in millions)

Fiscal year ending June 30, 1986



Twelve Months Actual Through June

(in millions)	1982	1983	1984	1985	1986
Special Taxes					
Personal Income Tax	$ 837.2	$ 853.6	$ 929.3	$ 977.8	$1,002.3
Sales and Use Tax	481.6	517.2	666.1	677.3	697.6
Corporate Income Tax	170.0	168.7	159.3	187.6	165.7
Inheritance Tax	79.8	65.2	57.5	58.3	58.3
Insurance Premium Tax	71.4	49.4	52.3	58.1	72.8
Cigarette and Tobacco Tax	61.1	60.4	59.1	55.6	72.2
Beer and Liquor Tax	16.9	16.7	16.6	16.3	14.8
Franchise Tax	8.2	6.6	6.6	9.4	8.7
Miscellaneous Tax	1.4	1.2	0	.2	.3
Total Special Taxes	$1,727.6	$1,739.0	$1,946.8	$2,040.6	$2,092.7
County Treasurers	39.2	37.3	38.5	41.4	47.6
Liquor Profits	46.8	41.0	41.5	37.6	32.4
Interest	38.6	27.6	23.9	21.3	23.6
Fees	25.7	28.3	30.0	23.9	25.9
Federal Revenue Sharing	0	0.0	0	0	0.0
Military Tax Credit Transfer	6.4	4.7	3.0	3.0	3.3
Miscellaneous Receipts	16.7	22.0	53.7	70.7	78.8
Road Use Tax Fund Transfer			3.6	20.2	22.3
Parimutual Receipts					2.1
Lottery Fund					6.3
Gross Receipts	$1,901.0	$1,899.9	$2,141.0	$2,258.7	$2,335.0
Less Refunds	146.9	167.9	175.0	194.5	183.1
Net Receipt	$1,754.2	$1,732.0	$1,966.0	$2,064.2	$2,151.9

Source: State of Iowa General Fund Financial Report, Office of Management

Tax revenues by type of tax

Tax Source	1970	1975	1980	1983	1984	1985[P]
			(Thousands)			
SALES AND GROSS RECEIPTS	$379,557	$484,146	$778,242	$889,277	$1,061,857	$1,071,146
General sales or gross receipts (net)	223,464	283,758	502,055	571,087	736,265	757,766
Selective sales and gross receipts	156,093	200,388	276,187	318,190	325,592	313,380
Motor Fuels	100,831	118,923	167,463	188,271	196,128	182,417
Refunds	-15,500	-11,618	-10,468	-10,640	-16,722	-16,160
Gross Collections	116,331	130,541	177,931	198,911	212,850	198,577
Alcoholic beverages	9,048	13,300	16,403	16,728	16,561	16,271
Beer	5,796	8,516	10,146	9,950	9,941	9,788
Tax (10% prior to 1967, 15% from 1967)	3,252	4,784	6,505	6,778	6,620	6,483
Tobacco Products - cigarettes	29,824	44,293	46,551	60,384	59,094	59,060
Insurance - gross premiums	15,704	23,592	43,740	49,432	52,338	55,632
Other - butterfat	686	280	252	269	274	0
LICENSE	90,040	124,243	176,985	195,156	199,253	196,442
Motor vehicles	75,106	99,767	132,742	146,728	143,227	136,058
General	74,851	99,589	132,558	146,512	142,738	134,488
Truckers	255	178	184	216	489	1,570
Motor vehicle operators	5,622	-	6,653	6,091	6,656	11,251
Corporations in general	602	1,002	1,553	17,454	24,666	17,541
Public utilities	34	34	119	95	68	4,229
Alcoholic beverages	2,373	4,700	4,720	5,097	5,146	4,424
Occupations and business, not elsewhere classified	3,305	6,350	8,865	12,763	13,216	14,437
Animal health and veterinarian fees	758	2,110	1,571	1,373	1,539	1,293
Bank examinations	1,070	1,605	2,183	2,948	2,877	3,345
Insurance examinations	526	813	1,517	2,846	1,421	1,450
Other	951	1,822	1,287	2,649	3,039	3,463
Hunting and fishing	1,593	4,676	5,571	5,002	5,046	5,963
Other	405	1,373	1,073	1,926	1,228	2,539
Boat and aircraft registration	389	1,359	1,853	1,907	—	—
Boat registration	—	—	—	—	323	1,703
Aircraft registration	—	—	—	—	904	836
Tax permits	16	14	18	19	1	—
INDIVIDUAL INCOME (net)	112,746	358,899	602,385	724,127	788,001	824,551
CORPORATION NET INCOME	24,273	63,612	138,564	138,483	132,093	154,412
DEATH AND GIFT — inheritance and estate	16,767	29,460	47,668	65,148	57,541	58,247
DOCUMENTARY AND STOCK TRANSFER	881	1,485	2,984	2,098	2,758	2,608

Source: State Government Tax Collection in 1985. (P Preliminary)
U.S. Department of Commerce, Bureau of the Census

Selected tax rates, 1986

State	Sales Tax Rate[1]	Gasoline Tax Per Gallon[1]	Gasohol Tax Exemption[2]	Cigarette Tax Per Package[1]
Illinois	5.0%	13.0¢	2.0%/dollar	20.0¢
Indiana	5.0	14.0	0	10.5
Iowa	4.0	16.0	1.0/gallon	26.0
Kansas	3.0	11.0	3.0/gallon	24.0
Minnesota	6.0	17.0	2.5/gallon	23.0
Missouri	4.225	7.0	0	13.0
Nebraska	3.5	17.2	3.0/gallon	18.0
Ohio	5.0	12.0	2.5/gallon	14.0
South Dakota	4.0	13.0	2.0/gallon	23.0
Wisconsin	5.0	16.5	0	25.0

Sources: [1] The Book of the States 1986 - 87
[2] Iowa Department of Transportation, Planning and Research Division

Property valuation and tax levies, 1985

ADAIR County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	70,729	1,637	23.5
	Ag Land	192,130	3,466	49.7
	Ag Building	16,012	289	4.1
	Commercial	23,905	623	8.9
	Industrial	3,549	94	1.3
	Personal	14,180	291	4.2
	Personal Real	0	0	0.0
	Utilities	32,759	612	8.8
	Total	351,708	6,977	100.0

ADAMS County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	32,298	740	19.5
	Ag Land	114,207	1,975	52.1
	Ag Building	14,717	255	6.7
	Commercial	7,156	179	4.7
	Industrial	1,937	35	0.9
	Personal	7,179	134	3.5
	Personal Real	2,915	51	1.3
	Utilities	25,706	447	11.8
	Total	205,114	3,794	100.0

ALLAMAKEE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	120,605	2,717	32.5
	Ag Land	127,709	2,260	27.1
	Ag Building	35,399	628	7.5
	Commercial	28,416	677	8.1
	Industrial	6,007	130	1.6
	Personal	16,158	315	3.8
	Personal Real	3,489	73	0.9
	Utilities	90,736	1,594	19.1
	Total	426,638	8,350	100.0

APPANOOSE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	93,758	3,017	38.3
	Ag Land	73,993	1,970	25.0
	Ag Building	3,691	98	1.2
	Commercial	26,760	924	11.7
	Industrial	7,383	242	3.1
	Personal	12,521	386	4.9
	Personal Real	13,921	506	6.4
	Utilities	27,544	811	10.3
	Total	256,876	7,867	100.0

AUDUBON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	61,311	1,434	23.8
	Ag Land	183,654	3,343	55.4
	Ag Building	11,158	203	3.4
	Commercial	13,372	330	5.5
	Industrial	1,444	37	0.6
	Personal	12,985	255	4.2
	Personal Real	943	24	0.4
	Utilities	22,959	444	7.3
	Total	306,288	6,035	100.0

BENTON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	177,283	4,468	30.0
	Ag Land	315,036	6,328	42.5
	Ag Building	51,009	1,023	6.9
	Commercial	48,278	1,320	8.8
	Industrial	4,559	133	0.9
	Personal	29,691	652	4.4
	Personal Real	5,741	164	1.1
	Utilities	41,862	906	6.1
	Total	669,501	14,893	100.0

BLACK HAWK County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	1,299,819	40,856	50.9
	Ag Land	252,225	5,178	6.5
	Ag Building	32,968	679	0.8
	Commercial	458,127	15,012	18.7
	Industrial	134,657	4,465	5.6
	Personal	100,654	3,133	3.9
	Personal Real	152,094	5,052	6.3
	Utilities	182,212	5,460	6.8
	Total	2,589,906	80,132	100.0

BOONE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	238,816	6,854	39.6
	Ag Land	296,037	5,624	32.4
	Ag Building	21,055	404	2.3
	Commercial	63,692	1,889	10.9
	Industrial	10,788	243	1.4
	Personal	20,396	475	2.7
	Personal Real	5,360	126	0.7
	Utilities	78,152	1,833	10.6
	Total	729,619	17,315	100.0

BREMER County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	251,241	6,306	47.3
	Ag Land	172,915	3,353	25.1
	Ag Building	33,789	656	4.9
	Commercial	49,130	1,304	9.8
	Industrial	11,698	309	2.3
	Personal	21,396	490	3.7
	Personal Real	8,136	219	1.6
	Utilities	34,946	775	5.8
	Total	579,646	13,322	100.0

BUCHANAN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	159,280	3,895	31.6
	Ag Land	286,379	5,425	43.9
	Ag Building	34,189	648	5.2
	Commercial	37,184	1,002	8.1
	Industrial	8,728	223	1.8
	Personal	19,274	406	3.3
	Personal Real	6,380	174	1.4
	Utilities	32,608	661	5.3
	Total	580,368	12,345	100.0

BUENA VISTA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	197,309	4,376	32.9
	Ag Land	285,738	4,804	36.1
	Ag Building	34,669	582	4.4
	Commercial	72,616	1,704	12.8
	Industrial	6,993	159	1.2
	Personal	24,812	487	3.6
	Personal Real	19,137	464	3.5
	Utilities	41,830	811	6.1
	Total	679,510	13,317	100.0

BUTLER County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	138,369	2,972	29.9
	Ag Land	286,874	4,773	47.9
	Ag Building	29,698	494	4.9
	Commercial	32,135	723	7.3
	Industrial	3,862	75	0.7
	Personal	17,439	314	3.1
	Personal Real	2,055	41	0.4
	Utilities	33,413	617	6.2
	Total	541,007	9,947	100.0

CALHOUN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	104,521	2,459	24.1
	Ag Land	337,093	5,549	54.3
	Ag Building	10,082	172	1.7
	Commercial	39,269	1,011	9.9
	Industrial	2,473	60	0.6
	Personal	18,227	341	3.3
	Personal Real	1,805	42	0.4
	Utilities	33,436	632	6.2
	Total	545,011	10,211	100.0

CARROLL County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	215,897	4,626	34.2
	Ag Land	271,673	4,618	34.1
	Ag Building	28,810	483	3.5
	Commercial	90,357	1,926	14.2
	Industrial	16,273	371	2.7
	Personal	23,587	457	3.4
	Personal Real	13,189	304	2.2
	Utilities	48,906	715	5.3
	Total	[illegible]	13,537	100.0

Property valuation and tax levies (continued)

CASS County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	130,720	3,277	30.8
Ag Land	212,438	4,167	39.2
Ag Building	26,788	526	4.9
Commercial	43,191	1,111	10.4
Industrial	6,905	162*	1.5
Personal	18,799	409	3.8
Personal Real	6,761	152	1.4
Utilities	41,217	872	8.2
Total	484,015	10,623	100.0

CEDAR County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	176,528	3,714	29.9
Ag Land	311,033	5,604	45.1
Ag Building	41,352	744	6.0
Commercial	45,320	984	7.9
Industrial	15,421	310	2.5
Personal	19,834	379	3.1
Personal Real	5,443	113	0.9
Utilities	32,750	622	5.0
Total	644,828	12,410	100.0

CERRO GORDO County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	510,090	13,190	42.9
Ag Land	299,962	5,575	18.1
Ag Building	1,566	29	0.1
Commercial	199,997	5,337	17.3
Industrial	126,487	3,490	11.3
Personal	49,072	1,191	3.9
Personal Real	0	0	0.0
Utilities	74,311	1,655	5.4
Total	1,252,297	30,772	100.0

CHEROKEE County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	125,817	3,027	28.9
Ag Land	205,786	4,370	41.7
Ag Building	38,525	469	4.5
Commercial	51,744	1,368	13.1
Industrial	8,110	182	1.7
Personal	21,029	412	3.9
Personal Real	4,908	107	1.0
Utilities	31,685	607	5.8
Total	534,794	10,473	100.0

CHICKASAW County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	133,667	3,066	31.2
Ag Land	212,358	4,147	42.2
Ag Building	25,968	508	5.2
Commercial	31,615	737	7.5
Industrial	10,935	209	2.1
Personal	18,491	387	3.9
Personal Real	10,121	235	2.4
Utilities	24,889	513	5.2
Total	465,750	9,816	100.0

CLARKE County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	57,185	1,846	34.7
Ag Land	71,893	1,582	29.7
Ag Building	8,788	194	3.6
Commercial	27,608	618	11.6
Industrial	6,768	201	3.8
Personal	6,057	167	3.1
Personal Real	6,533	198	3.7
Utilities	24,041	561	10.5
Total	211,888	5,324	100.0

CLAY County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	170,905	3,630	30.1
Ag Land	287,993	4,240	35.4
Ag Building	16,539	265	2.0
Commercial	99,669	2,408	19.9
Industrial	11,138	218	1.8
Personal	29,987	605	5.0
Personal Real	13,279	289	2.2
Utilities	43,267	709	5.9
Total	669,726	12,072	100.0

CLAYTON County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	146,088	3,631	32.1
Ag Land	210,640	4,230	37.4
Ag Building	50,730	1,017	9.0
Commercial	33,340	923	8.2
Industrial	6,404	163	1.4
Personal	18,038	405	3.6
Personal Real	6,477	157	1.4
Utilities	40,121	658	7.6
Total	508,671	11,308	100.0

CLINTON County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	490,176	13,044	37.6
Ag Land	348,543	6,451	18.6
Ag Building	31,806	591	1.7
Commercial	138,270	3,889	11.2
Industrial	73,123	2,061	5.9
Personal	49,005	1,226	3.5
Personal Real	176,697	4,994	14.4
Utilities	108,005	2,679	7.7
Total	1,406,264	34,679	100.0

CRAWFORD County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	147,174	3,472	30.0
Ag Land	229,099	4,518	39.0
Ag Building	33,224	656	5.7
Commercial	51,652	1,336	11.5
Industrial	10,718	267	2.3
Personal	22,945	500	4.3
Personal Real	9,118	225	1.9
Utilities	32,105	670	5.8
Total	527,209	11,575	100.0

DALLAS County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	288,547	7,869	38.4
Ag Land	266,437	5,623	27.4
Ag Building	21,551	456	2.2
Commercial	92,313	2,691	13.1
Industrial	11,006	279	1.4
Personal	24,314	598	2.9
Personal Real	8,019	214	1.0
Utilities	128,186	2,901	14.1
Total	835,268	20,488	100.0

DAVIS County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	50,017	1,405	28.6
Ag Land	101,039	2,301	46.9
Ag Building	11,870	270	5.5
Commercial	10,631	335	6.8
Industrial	1,190	39	0.8
Personal	6,053	212	4.3
Personal Real	1,270	44	0.9
Utilities	14,751	341	6.9
Total	197,384	4,908	100.0

DECATUR County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	52,816	1,525	30.2
Ag Land	87,201	1,992	39.4
Ag Building	9,749	222	4.4
Commercial	16,938	522	10.3
Industrial	2,013	57	1.1
Personal	7,071	189	3.7
Personal Real	1,181	32	0.6
Utilities	21,533	532	10.5
Total	197,184	5,049	100.0

DELAWARE County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	163,396	3,578	32.4
Ag Land	223,264	4,277	38.7
Ag Building	48,534	927	8.4
Commercial	31,797	750	6.8
Industrial	8,822	208	1.9
Personal	18,162	374	3.4
Personal Real	13,300	317	2.9
Utilities	33,607	675	6.1
Total	538,187	11,046	100.0

Property valuation and tax levies (continued)

DES MOINES County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	396,042	10,865	44.2
Ag Land	162,300	2,879	11.7
Ag Building	24,219	425	1.7
Commercial	144,413	4,112	16.7
Industrial	55,495	1,554	6.3
Personal	44,881	1,194	4.9
Personal Real	65,336	1,806	7.3
Utilities	79,537	1,854	7.5
Total	963,669	24,565	100.0

DICKINSON County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	354,258	6,853	53.8
Ag Land	176,368	2,751	21.6
Ag Building	7,284	114	0.9
Commercial	84,064	1,769	13.9
Industrial	8,846	222	1.7
Personal	14,276	272	2.1
Personal Real	4,687	115	0.9
Utilities	37,008	697	5.5
Total	683,605	12,728	100.0

DUBUQUE County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	800,942	23,511	51.2
Ag Land	149,085	3,066	6.7
Ag Building	56,789	1,168	2.5
Commercial	276,167	8,591	18.7
Industrial	110,712	2,900	6.3
Personal	67,695	1,943	4.2
Personal Real	67,188	1,866	4.1
Utilities	111,242	3,139	6.8
Total	1,626,276	45,902	100.0

EMMET County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	98,482	2,549	30.5
Ag Land	217,018	3,799	45.5
Ag Building	10,854	192	2.3
Commercial	31,607	862	10.3
Industrial	6,509	143	1.7
Personal	19,195	395	4.7
Personal Real	5,331	115	1.4
Utilities	17,068	348	4.2
Total	403,742	8,344	100.0

FAYETTE County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	180,272	4,490	31.9
Ag Land	307,673	5,379	38.2
Ag Building	42,001	735	5.2
Commercial	54,207	1,430	10.2
Industrial	10,659	268	1.9
Personal	33,319	666	4.7
Personal Real	13,196	320	2.3
Utilities	42,369	868	6.2
Total	679,577	14,053	100.0

FLOYD County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	171,473	3,976	33.5
Ag Land	241,900	4,415	37.2
Ag Building	18,502	339	2.9
Commercial	43,711	1,078	9.1
Industrial	16,014	404	3.4
Personal	26,252	568	4.8
Personal Real	13,892	353	3.0
Utilities	37,981	798	6.7
Total	566,351	11,852	100.0

FRANKLIN County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	103,811	2,467	22.9
Ag Land	307,953	5,485	50.8
Ag Building	22,441	401	3.7
Commercial	20,431	540	5.0
Industrial	14,340	344	3.2
Personal	22,105	451	4.2
Personal Real	8,402	217	2.0
Utilities	47,066	918	8.5
Total	544,417	10,789	100.0

FREMONT Couhty

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	65,308	1,393	19.0
Ag Land	220,940	3,865	52.8
Ag Building	12,850	225	3.1
Commercial	25,469	558	7.6
Industrial	7,292	140	1.9
Personal	11,466	215	2.9
Personal Real	19,567	416	5.7
Utilities	29,365	542	7.4
Total	390,731	7,323	100.0

GREENE County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	85,913	2,043	20.7
Ag Land	324,574	5,816	58.9
Ag Building	9,846	177	1.8
Commercial	31,383	807	8.2
Industrial	4,492	115	1.2
Personal	18,150	369	3.7
Personal Real	3,714	96	1.0
Utilities	25,675	499	5.0
Total	501,627	9,870	100.0

GRUNDY County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	140,243	3,037	28.8
Ag Land	310,026	5,144	48.7
Ag Building	20,807	345	3.3
Commercial	28,087	657	6.2
Industrial	11,877	246	2.3
Personal	24,652	453	4.3
Personal Real	9,052	208	2.0
Utilities	29,112	509	4.8
Total	571,613	10,551	100.0

GUTHRIE County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	109,793	2,512	30.7
Ag Land	204,277	3,892	47.6
Ag Building	8,185	157	1.9
Commercial	22,618	613	7.5
Industrial	3,740	88	1.1
Personal	10,409	224	2.7
Personal Real	936	23	0.3
Utilities	35,983	719	8.8
Total	393,713	8,177	100.0

HAMILTON County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	169,543	4,118	29.4
Ag Land	321,817	5,714	40.8
Ag Building	28,531	506	3.6
Commercial	56,810	1,420	10.1
Industrial	16,708	405	2.9
Personal	29,042	593	4.2
Personal Real	16,659	436	3.1
Utilities	42,663	873	6.2
Total	678,691	13,989	100.0

HANCOCK County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	120,429	2,649	22.9
Ag Land	312,542	4,806	41.5
Ag Building	13,909	216	1.9
Commercial	34,160	820	7.1
Industrial	26,467	650	5.6
Personal	23,959	427	3.7
Personal Real	17,739	458	4.0
Utilities	102,294	1,590	13.7
Total	649,302	11,568	100.0

HARDIN County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	183,372	4,424	32.4
Ag Land	314,839	5,358	39.3
Ag Building	15,257	258	1.9
Commercial	57,640	1,408	10.3
Industrial	11,734	295	2.2
Personal	26,787	544	4.0
Personal Real	15,645	377	2.8
Utilities	50,321	1,044	7.6
Total	671,643	13,634	100.0

Property valuation and tax levies (continued)

HARRISON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	114,050	2,770	28.2
	Ag Land	249,680	4,646	47.4
	Ag Building	22,434	417	4.2
	Commercial	28,892	766	7.8
	Industrial	3,356	87	0.9
	Personal	16,718	349	3.6
	Personal Real	2,074	55	0.6
	Utilities	36,768	762	7.8
	Total	472,240	9,805	100.0

HENRY County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	157,731	4,243	36.6
	Ag Land	177,989	4,015	34.6
	Ag Building	22,058	494	4.2
	Commercial	48,166	1,333	11.5
	Industrial	12,360	331	2.8
	Personal	18,256	451	3.9
	Personal Real	10,485	291	2.5
	Utilities	21,189	503	4.3
	Total	465,321	11,598	100.0

HOWARD County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	77,611	2,060	28.0
	Ag Land	186,544	3,582	48.8
	Ag Building	20,633	397	5.4
	Commercial	20,737	574	7.8
	Industrial	4,628	134	1.8
	Personal	13,351	291	4.0
	Personal Real	2,735	84	1.1
	Utilities	12,151	267	3.6
	Total	336,733	7,345	100.0

HUMBOLDT County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	97,486	2,311	25.0
	Ag Land	251,447	4,373	47.3
	Ag Building	10,880	190	2.1
	Commercial	36,021	896	9.7
	Industrial	5,527	141	1.5
	Personal	20,694	405	4.4
	Personal Real	3,305	76	0.8
	Utilities	47,586	908	9.8
	Total	470,761	9,249	100.0

IDA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	61,950	1,397	22.8
	Ag Land	176,278	3,043	49.7
	Ag Building	15,072	259	4.2
	Commercial	25,483	617	10.1
	Industrial	4,691	118	1.9
	Personal	11,828	226	3.7
	Personal Real	1,759	44	0.7
	Utilities	23,463	454	7.4
	Total	318,833	6,119	100.0

IOWA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	134,610	2,921	27.5
	Ag Land	233,845	4,450	41.8
	Ag Building	23,293	441	4.1
	Commercial	32,520	698	6.6
	Industrial	27,057	537	5.1
	Personal	22,675	452	4.2
	Personal Real	25,447	516	4.8
	Utilities	34,049	674	6.3
	Total	530,872	10,633	100.0

JACKSON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	168,358	4,283	40.0
	Ag Land	158,358	3,467	32.4
	Ag Building	21,958	482	4.5
	Commercial	44,713	1,208	11.3
	Industrial	6,963	187	1.7
	Personal	13,627	329	3.1
	Personal Real	4,755	129	1.2
	Utilities	31,023	705	6.6
	Total	446,647	10,715	100.0

JASPER County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	332,698	9,065	39.1
	Ag Land	282,083	6,041	26.0
	Ag Building	37,676	805	3.5
	Commercial	89,179	2,561	11.0
	Industrial	32,496	969	4.2
	Personal	46,085	1,235	5.3
	Personal Real	42,532	1,275	5.5
	Utilities	59,143	1,411	6.1
	Total	915,750	23,205	100.0

JEFFERSON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	156,293	3,512	38.8
	Ag Land	136,724	2,688	29.7
	Ag Building	17,209	338	3.7
	Commercial	43,867	1,015	11.2
	Industrial	9,806	230	2.5
	Personal	16,708	352	3.9
	Personal Real	14,118	332	3.7
	Utilities	30,957	635	7.0
	Total	423,538	9,056	100.0

JOHNSON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	959,899	24,028	48.8
	Ag Land	222,740	4,344	8.8
	Ag Building	31,354	610	1.2
	Commercial	512,567	13,559	27.5
	Industrial	41,304	1,057	2.1
	Personal	56,239	1,391	2.8
	Personal Real	34,187	908	1.8
	Utilities	150,033	3,557	7.2
	Total	1,999,493	49,234	100.0

JONES County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	154,456	3,457	32.1
	Ag Land	239,918	4,382	40.7
	Ag Building	32,314	589	5.5
	Commercial	35,930	862	8.0
	Industrial	8,536	207	1.9
	Personal	17,833	358	3.3
	Personal Real	8,415	210	2.0
	Utilities	38,382	756	7.0
	Total	532,699	10,751	100.0

KEOKUK County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	84,576	1,858	24.0
	Ag Land	210,217	3,730	48.1
	Ag Building	33,056	587	7.6
	Commercial	19,529	444	5.7
	Industrial	9,801	183	2.4
	Personal	15,233	289	3.7
	Personal Real	3,970	72	0.9
	Utilities	34,175	641	8.3
	Total	408,217	7,752	100.0

KOSSUTH County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	187,735	3,706	22.8
	Ag Land	571,877	8,294	50.9
	Ag Building	22,514	327	2.0
	Commercial	52,852	1,156	7.1
	Industrial	38,467	788	4.8
	Personal	38,597	637	3.9
	Personal Real	7,411	165	1.0
	Utilities	83,737	1,272	7.8
	Total	999,741	16,276	100.0

LEE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	335,717	9,337	34.6
	Ag Land	158,643	3,295	12.2
	Ag Building	23,291	480	1.8
	Commercial	124,023	3,519	13.1
	Industrial	88,610	2,649	9.8
	Personal	38,533	1,082	4.0
	Personal Real	133,623	4,202	15.6
	Utilities	91,697	2,448	9.1
	Total	989,069	26,947	100.0

Property valuation and tax levies (continued)

LINN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	1,766,792	53,286	46.4
	Ag Land	279,923	6,575	5.7
	Ag Building	18,654	438	0.4
	Commercial	784,148	24,348	21.2
	Industrial	224,402	6,935	6.0
	Personal	134,938	4,102	3.6
	Personal Real	256,693	7,954	6.9
	Utilities	366,192	10,196	8.9
	Total	3,801,610	114,837	100.0

LOUISA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	97,695	1,957	22.7
	Ag Land	186,855	3,384	39.2
	Ag Building	11,930	216	2.5
	Commercial	23,690	511	5.9
	Industrial	2,388	47	0.5
	Personal	10,858	205	2.4
	Personal Real	2,263	46	0.5
	Utilities	129,316	2,299	26.6
	Total	463,012	8,627	100.0

LUCAS County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	69,928	2,152	35.5
	Ag Land	67,303	1,683	27.8
	Ag Building	7,965	199	3.3
	Commercial	27,033	905	14.9
	Industrial	2,751	78	1.3
	Personal	15,732	488	8.1
	Personal Real	2,432	80	1.3
	Utilities	18,991	521	8.6
	Total	210,448	6,056	100.0

LYON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	89,447	1,819	24.2
	Ag Land	258,214	4,222	56.1
	Ag Building	14,394	235	3.1
	Commercial	23,563	523	7.0
	Industrial	3,046	56	0.7
	Personal	15,284	265	3.5
	Personal Real	751	13	0.2
	Utilities	24,720	426	5.7
	Total	427,510	7,523	100.0

MADISON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	104,070	2,774	32.3
	Ag Land	145,158	3,324	38.7
	Ag Building	18,163	416	4.8
	Commercial	21,149	598	7.0
	Industrial	451	13	0.1
	Personal	11,459	277	3.2
	Personal Real	421	12	0.1
	Utilities	52,389	1,220	14.2
	Total	351,130	8,578	100.0

MAHASKA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	172,241	4,436	32.6
	Ag Land	217,189	4,420	32.5
	Ag Building	25,191	518	3.8
	Commercial	60,487	1,718	12.6
	Industrial	13,026	371	2.7
	Personal	21,280	501	3.7
	Personal Real	7,995	239	1.7
	Utilities	63,036	1,439	10.6
	Total	576,940	13,612	100.0

MARION County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	264,115	6,705	43.1
	Ag Land	143,753	3,383	21.8
	Ag Building	16,623	384	2.5
	Commercial	70,105	1,806	11.6
	Industrial	27,789	666	4.3
	Personal	21,336	502	3.2
	Personal Real	42,695	1,093	7.0
	Utilities	43,493	1,093	7.0
	Total	625,660	15,541	100.0

MARSHALL County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	370,799	10,440	40.2
	Ag Land	253,643	4,881	18.2
	Ag Building	36,052	691	2.6
	Commercial	117,741	3,461	13.3
	Industrial	38,239	1,181	4.5
	Personal	44,674	1,228	4.7
	Personal Real	43,781	1,350	5.2
	Utilities	107,645	2,956	11.4
	Total	1,005,149	25,981	100.0

MILLS County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	107,316	2,485	29.9
	Ag Land	189,982	3,393	40.8
	Ag Building	14,185	253	3.0
	Commercial	24,854	625	7.5
	Industrial	2,366	58	0.7
	Personal	12,444	247	3.0
	Personal Real	2,242	56	0.7
	Utilities	64,387	1,213	14.6
	Total	417,056	8,310	100.0

MITCHELL County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	94,640	2,036	27.8
	Ag Land	211,061	3,664	50.1
	Ag Building	15,301	265	3.6
	Commercial	24,640	545	7.4
	Industrial	4,463	109	1.5
	Personal	15,700	290	4.0
	Personal	3,338	80	1.1
	Utilities	20,510	370	5.1
	Total	387,569	7,313	100.0

MONONA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	79,511	1,984	22.8
	Ag Land	228,031	4,612	53.0
	Ag Building	15,467	313	3.6
	Commercial	26,580	704	8.1
	Industrial	871	24	0.3
	Personal	13,054	288	3.3
	Personal Real	2,617	70	0.8
	Utilities	35,831	750	8.6
	Total	399,828	8,696	100.0

MONROE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	61,356	1,931	30.7
	Ag Land	66,299	1,676	26.6
	Ag Building	6,206	156	2.5
	Municipal	17,145	592	9.4
	Industrial	3,557	101	1.6
	Personal	6,115	168	2.7
	Personal Real	54,061	1,190	18.9
	Utilities	18,803	510	8.1
	Total	232,262	6,291	100.0

MONTGOMERY County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	101,060	2,567	32.6
	Ag Land	157,225	2,783	35.3
	Ag Building	14,841	263	3.3
	Commercial	27,530	722	9.2
	Industrial	10,678	258	3.3
	Personal	14,232	297	3.8
	Personal Real	4,724	124	1.6
	Utilities	47,261	926	11.8
	Total	375,173	7,879	100.0

MUSCATINE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	445,993	11,285	41.6
	Ag Land	193,904	3,753	13.8
	Ag Building	13,058	255	0.9
	Commercial	133,846	3,572	13.2
	Industrial	98,523	2,450	9.0
	Personal	35,687	853	3.1
	Personal Real	143,951	3,354	12.4
	Utilities	77,085	1,674	6.2
	Total	1,135,743	27,139	100.0

Property valuation and tax levies (continued)

O'BRIEN County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	136,864	3,093	30.3
Ag Land	302,509	4,593	44.9
Ag Building	17,137	261	2.6
Commercial	52,089	1,241	12.1
Industrial	6,229	158	1.5
Personal	18,986	343	3.4
Personal Real	2,810	71	0.7
Utilities	30,032	530	5.2
Total	563,607	10,222	100.0

OSCEOLA County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	57,289	1,139	19.1
Ag Land	204,483	3,518	58.8
Ag Building	12,109	208	3.5
Commercial	17,249	365	6.1
Industrial	3,431	70	1.2
Personal	12,936	238	4.0
Personal Real	8,399	177	3.0
Utilities	16,347	294	4.9
Total	330,749	5,979	100.0

PAGE County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	132,728	3,840	36.0
Ag Land	168,091	3,417	32.0
Ag Building	16,141	328	3.1
Commercial	48,306	1,513	14.2
Industrial	6,352	199	1.9
Personal	16,294	406	3.8
Personal Real	8,534	274	2.6
Utilities	32,805	793	7.4
Total	426,059	10,678	100.0

PALO ALTO County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	89,101	1,976	22.9
Ag Land	301,067	4,860	56.3
Ag Building	17,054	276	3.2
Commercial	34,514	830	9.6
Industrial	1,519	33	0.4
Personal	13,823	244	2.8
Personal Real	2,101	48	0.6
Utilities	22,266	405	4.7
Total	479,289	8,626	100.0

PLYMOUTH County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	212,114	4,649	34.5
Ag Land	307,007	4,888	36.2
Ag Building	45,795	725	5.4
Commercial	57,355	1,384	10.3
Industrial	7,921	191	1.4
Personal	26,853	488	3.6
Personal Real	5,354	131	1.0
Utilities	62,971	1,112	8.2
Total	721,529	13,485	100.0

POCAHONTAS County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	74,802	1,520	17.7
Ag Land	333,242	4,978	58.1
Ag Building	19,110	286	3.3
Commercial	33,839	752	8.8
Industrial	3,488	63	0.7
Personal	23,440	391	4.6
Personal Real	4,205	75	0.9
Utilities	34,336	548	6.4
Total	524,431	8,572	100.0

POLK County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	3,461,947	120,301	51.5
Ag Land	189,467	5,160	2.2
Ag Building	8,855	241	0.1
Commercial	1,862,909	64,733	27.7
Industrial	291,395	10,079	4.3
Personal	248,226	9,056	3.9
Personal Real	156,612	5,459	2.3
Utilities	453,405	15,025	6.4
Total	6,620,964	233,694	100.0

POTTAWATTAMIE County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	758,905	23,486	46.7
Ag Land	369,347	7,111	14.1
Ag Building	50,518	974	1.9
Commercial	230,039	7,748	15.4
Industrial	30,457	981	1.9
Personal	42,824	1,220	2.4
Personal Real	28,490	955	1.9
Utilities	254,023	7,372	14.6
Total	1,750,543	50,329	100.0

POWESHIEK County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	171,219	4,074	34.7
Ag Land	210,517	3,833	32.7
Ag Building	42,050	764	6.5
Commercial	49,625	1,243	10.6
Industrial	15,191	393	3.4
Personal	22,484	470	4.0
Personal Real	12,376	295	2.5
Utilities	37,131	724	6.2
Total	557,581	11,731	100.0

RINGGOLD County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	40,292	943	25.1
Ag Land	98,598	1,825	48.5
Ag Building	16,845	310	8.2
Commercial	9,389	254	6.7
Industrial	1,052	29	0.8
Personal	6,385	129	3.4
Personal Real	321	9	0.2
Utilities	14,184	289	7.7
Total	186,001	3,764	100.0

SAC County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	109,407	2,267	28.3
Ag Land	253,212	3,812	47.6
Ag Building	28,089	421	5.2
Commercial	23,589	523	6.5
Industrial	5,709	125	1.6
Personal	20,805	351	4.4
Personal Real	2,456	51	0.6
Utilities	30,662	510	6.4
Total	471,497	8,008	100.0

SCOTT County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	1,732,426	54,508	49.2
Ag Land	215,985	4,602	4.2
Ag Building	31,631	669	0.6
Commercial	735,946	23,986	21.7
Industrial	239,791	7,258	6.6
Personal	132,357	3,884	3.5
Personal Real	239,905	6,427	5.8
Utilities	305,282	9,367	8.5
Total	3,610,507	110,704	100.0

SHELBY County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	107,893	2,638	27.3
Ag Land	245,998	4,750	49.2
Ag Building	24,525	475	4.9
Commercial	29,621	773	8.0
Industrial	2,826	66	0.7
Personal	18,421	388	4.0
Personal Real	2,054	49	0.5
Utilities	27,320	573	5.9
Total	456,360	9,656	100.0

SIOUX County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	256,594	5,615	36.2
Ag Land	342,716	5,461	35.2
Ag Building	40,006	639	4.1
Commercial	76,560	1,724	11.1
Industrial	15,898	336	2.2
Personal	31,947	597	3.8
Personal Real	13,701	281	1.8
Utilities	53,901	926	6.0
Total	827,127	15,519	100.0

Property valuation and tax levies (continued)

STORY County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	677,550	17,363	47.9
Ag Land	332,267	6,390	17.6
Ag Building	8,429	162	0.4
Commercial	324,836	8,585	23.7
Industrial	28,899	756	2.1
Personal	43,144	1,007	2.8
Personal Real	35,546	941	2.6
Utilities	56,956	1,263	3.5
Total	1,499,395	36,260	100.0

TAMA County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	143,349	3,225	26.9
Ag Land	331,057	5,627	46.9
Ag Building	27,553	471	3.9
Commercial	46,345	1,129	9.4
Industrial	12,936	288	2.4
Personal	22,905	433	3.6
Personal Real	7,879	182	1.5
Utilities	36,325	707	5.9
Total	625,025	11,988	100.0

TAYLOR County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	44,321	1,236	25.0
Ag Land	124,711	2,747	55.7
Ag Building	8,792	193	3.9
Commercial	7,468	233	4.7
Industrial	992	29	0.6
Personal	8,544	201	4.1
Personal Real	306	9	0.2
Utilities	14,204	332	6.7
Total	207,735	4,935	100.0

UNION County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	94,257	2,939	36.9
Ag Land	91,255	2,064	25.9
Ag Building	7,657	173	2.2
Commercial	41,127	1,361	17.1
Industrial	6,646	183	2.3
Personal	10,718	302	3.8
Personal Real	4,500	120	1.5
Utilities	34,967	878	11.0
Total	289,029	7,955	100.0

VAN BUREN County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	42,051	1,070	23.9
Ag Land	105,871	2,397	53.5
Ag Building	7,863	178	4.0
Commercial	5,513	150	3.3
Industrial	3,005	80	1.8
Personal	6,859	163	3.6
Personal Real	5,322	131	2.9
Utilities	14,688	349	7.8
Total	189,707	4,481	100.0

WAPELLO County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	268,789	9,267	46.2
Ag Land	130,267	2,934	14.6
Ag Building	11,274	252	1.3
Commercial	70,435	2,626	3.1
Industrial	26,259	958	4.8
Personal	28,219	894	4.4
Personal Real	17,927	662	3.3
Utilities	113,858	2,751	13.7
Total	659,132	20,068	100.0

WARREN County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	358,482	10,231	54.5
Ag Land	152,051	3,710	19.8
Ag Building	18,691	453	2.4
Commercial	70,499	2,070	11.0
Industrial	2,032	57	0.3
Personal	17,300	459	2.4
Personal Real	2,050	58	0.3
Utilities	73,360	1,890	10.1
Total	688,889	18,770	100.0

WASHINGTON County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	176,705	3,900	31.4
Ag Land	274,506	5,002	40.3
Ag Building	16,193	295	2.4
Commercial	53,834	1,241	10.0
Industrial	16,351	386	3.1
Personal	23,593	477	3.8
Personal Real	15,769	370	3.0
Utilities	41,094	795	6.4
Total	614,994	12,400	100.00

WAYNE County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	50,330	1,186	25.6
Ag Land	102,096	2,035	43.8
Ag Building	12,795	255	5.5
Commercial	14,358	351	7.6
Industrial	2,402	60	1.3
Personal	8,006	175	3.8
Personal Real	1,543	39	0.8
Utilities	28,022	576	12.4
Total	218,090	4,641	100.0

WEBSTER County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	360,155	10,443	36.2
Ag Land	421,932	7,862	27.2
Ag Building	13,597	252	0.9
Commercial	156,232	4,681	16.2
Industrial	37,334	958	3.3
Personal	43,846	1,170	4.1
Personal Real	14,551	392	1.4
Utilities	128,231	3,055	10.6
Total	1,168,070	28,862	100.0

WINNEBAGO County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	107,386	2,458	32.2
Ag Land	204,784	3,214	42.1
Ag Building	10,157	159	2.1
Commercial	32,426	809	10.6
Industrial	7,582	187	2.5
Personal	18,905	357	4.7
Personal Real	4,845	112	1.5
Utilities	22,871	376	4.9
Total	406,928	7,626	100.0

WINNESHIEK County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	165,665	4,229	36.9
Ag Land	159,868	3,378	29.4
Ag Building	63,375	1,343	11.7
Commercial	40,674	1,108	9.7
Industrial	4,981	133	1.2
Personal	22,947	530	4.6
Personal Real	3,836	107	0.9
Utilities	30,868	708	6.2
Total	489,379	11,467	100.0

WOODBURY County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	840,419	29,455	45.1
Ag Land	293,486	5,717	8.8
Ag Building	20,345	399	0.6
Commercial	357,797	13,088	20.1
Industrial	65,157	1,967	3.0
Personal	74,550	2,451	3.8
Personal Real	82,410	2,488	3.8
Utilities	363,235	8,600	13.2
Total	2,079,836	65,251	100.0

WORTH County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	63,924	1,492	23.4
Ag Land	194,859	3,473	54.4
Ag Building	7,726	138	2.2
Commercial	18,011	454	7.1
Industrial	1,179	29	0.5
Personal	11,069	207	3.2
Personal Real	1,036	27	0.4
Utilities	31,282	596	9.3
Total	327,550	6,380	100.0

WRIGHT County

Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
Residential	150,420	3,402	26.9
Ag Land	347,370	5,268	41.7
Ag Building	10,568	161	1.3
Commercial	49,851	1,222	9.7
Industrial	22,480	548	4.3
Personal	28,274	525	4.2
Personal Real	33,642	837	6.6
Utilities	40,871	726	5.8
Total	680,750	12,626	100.0

Source: Office of Management

Transportation

Distance from central Iowa to urban markets

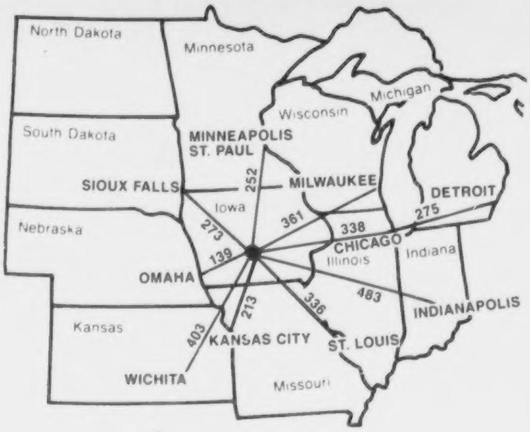
Iowa is an ideal distribution point.

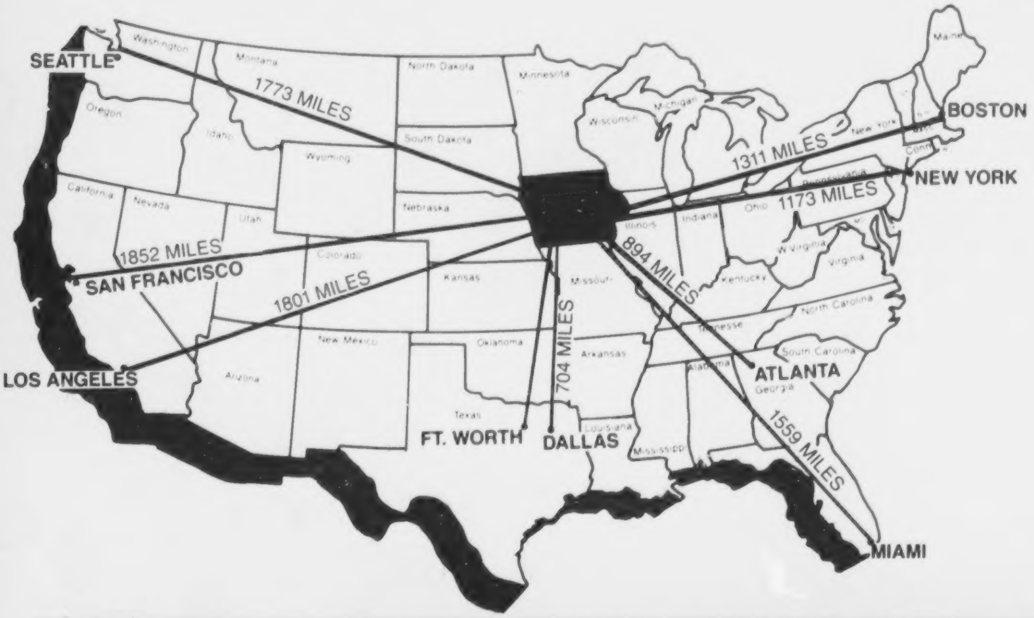
Only a day away are Chicago, Twin Cities, St. Louis, Kansas City, Milwaukee, Omaha, and Wichita - plus the many wealthy markets in between.

A rig can reach the farthest point in America in only three days; a train in four.

The nation's two transcontinental interstate highways intersect in Iowa. The state is served by all major truck lines and "double bottoms" are legal. You can reach the sea by both water and road.

Add Iowa's transportation advantages to our "Open Port Warehouseing" and you have the perfect combination for moving products.



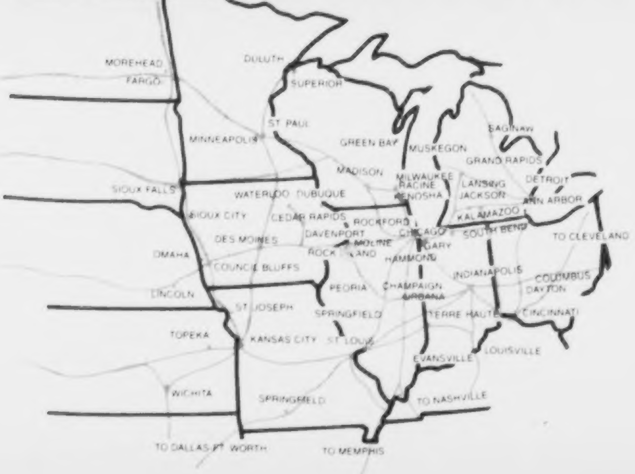


Interstate highway system

Iowa is ahead of 40 other states in miles of roads, though we're only twenty-fifth in area. You can drive to Boston from Iowa's western border without hitting a stop sign.

Aside from interstate highways, Iowa's extensive internal road system is based on a "farm-to-market" philosophy that reflects the urgency of moving our vast agricultural production.

Those same roads and highways, constantly improved, now also serve the industries that have been established in all parts of Iowa.



Iowa Transportation Summary

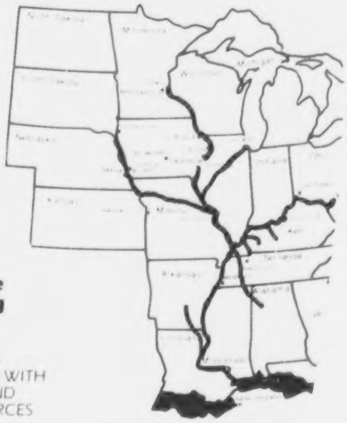
Railroads		Iowa Highway and Road mileage-Jan. 1, 1986	
Classes I and II miles of road operated Year-ended 1985	4,160	Portland concrete	13,225.21
Motor Vehicle Registration	3,052,913	Asphalt paved	21,433.45
Auto-1985	1,846,727	Bituminous treated	2,339.66
Trucks-1985	650,539	Gravel or stone	70,345.57
Motorcycles-1985	251,328	Not surfaced	5,339.10
Truck tractors-1985	18,444	Total	112,682.99
Airports-Publicly Owned	112	Municipal	13,944.31
All weather runways	92	Rural	98,407.62
Lighted runways	99	State parks and inst. roads	331.06

Source: Iowa Department of Transporation

River, rail and air transportation

Iowa is the only state bordered by two navigable rivers. Goods can go by water as far east as Pennsylvania, west to Oklahoma, and to seaports on the gulf and great lakes.

Nearly 34 million tons of cargo moved on the Mississippi in 1985. It included more than 19.6 million tons of grain, 6 million tons of coal, and more than 1.7 million tons of petroleum.



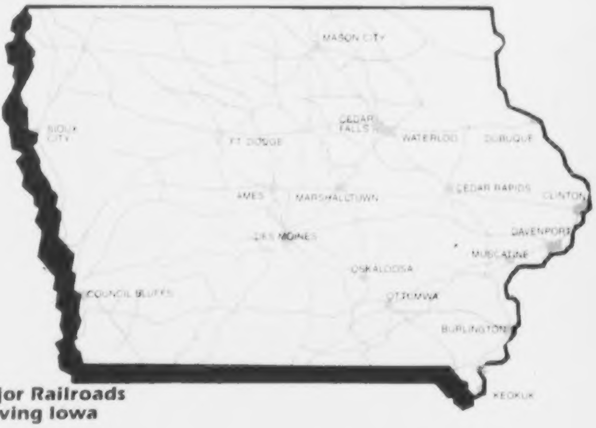
Major navigable rivers bordering Iowa

INLAND WATERWAYS CONNECTING IOWA WITH MAJOR MARKETS AND RAW MATERIAL SOURCES

Eight Class I and one Class II railroads currently operate 4,023 route miles in Iowa. Four carriers — the Chicago and North Western; Burlington Northern, Soo Line; and Chicago, Central and Pacific (Class II) — account for nearly 97 percent of this mileage. Five other carriers — the Norfolk and Western; Atchison, Topeka and Santa Fe; Union Pacific; Missouri Pacific; and Missouri-Kansas-Texas Railroad — operate the remaining 3 percent of the mileage.

In addition, 14 other Class III railroads operate approximately 873 miles of road in Iowa.

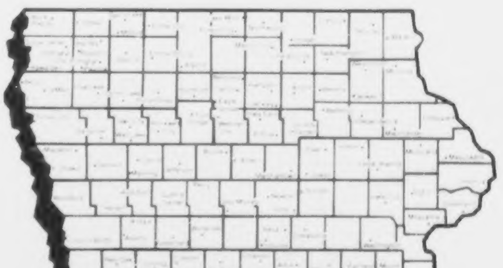
Railroads serving Iowa offer "piggyback" service to 13 Iowa cities and 20 terminal sites. Shipments can reach about one-fourth of the nation in a day, the farthest point in only four days.



Major Railroads Serving Iowa

Iowa has more than 350 airports, of which 152 are open to the public. Of these, 112 are publicly owned, and are included in the State Aviation System Plan. Paved primary runways are available at 92 system airports, and 99 are lighted.

The state is served by six major airlines, America West, American, Continental, Northwest, TWA, and United. All 11 commercial service airports also are served by commuter airlines.



Airport in Iowa

Revenue freight originating on class 1 railroads (tons)

Code No.		1970	1975	1980	1983	1984	1985
01	Farm Product	10,950,353	10,571,249	17,850,717	14,494,250	13,632,091	9,246,732
08	Forest Products	—	—	—	—	49	246
09	Fresh Fish	592	216	—	—	—	—
10	Metallic Ores	1,597	308	170	—	—	—
11	Coal	548,202	243,922	13,220	70	1,204	69
13	Crude Petroleum	2,013	—	—	—	—	15
14	Nonmetallic Minerals	2,084,640	1,876,412	422,804	160,423	259,198	306,565
19	Ordance and Accessories	115,309	51,292	4,972	8,988	10,457	5,436
20	Food and Kindred Products	7,737,795	7,138,873	6,752,803	6,891,646	6,922,945	6,880,677
21	Tobacco Products	54	18	—	—	—	—
22	Basic Textiles	1,018	722	296	225	738	455
23	Apparel and Finished Textile	444	54	39	—	—	—
24	Lumber and Wood Products	165,503	94,892	48,730	12,866	18,405	12,499
25	Furniture and Fixtures	31,973	27,299	15,103	7,651	15,100	8,653
26	Pulp, Paper and Allied Products	114,831	100,392	87,539	52,451	53,106	47,173
27	Printed Matter	40,719	27,387	12,530	1,302	787	655
28	Chemical and Allied Products	1,929,577	1,644,805	1,777,066	1,470,435	1,589,439	1,463,573
29	Petroleum and Coal Products	227,352	85,736	61,292	51,360	65,111	61,159
30	Rubber and Miscellaneous	110,663	93,208	36,041	16,011	15,906	15,087
31	Leather and Leather Products	2,161	94	847	541	—	—
32	Stone, Clay, Glass Products	2,062,995	1,187,516	1,029,447	608,552	667,070	693,352
33	Primary Metal Products	229,061	166,447	166,519	187,544	198,318	108,143
34	Fabricated Metal Products	80,117	54,569	79,743	8,265	5,180	5,204
35	Machinery Except Electrical	173,756	165,762	155,374	37,228	48,295	47,037
36	Electrical Machinery	166,603	154,534	39,762	10,923	3,624	520
37	Transportation Machinery	28,674	27,392	82,997	80,394	87,812	75,362
38	Instruments, Optical Products	301	—	—	109	107	16
39	Miscellaneous Manufacturing Products	1,938	2,455	1,551	29	97	19
40	Wasted Scrap Materials	504,531	579,930	627,277	546,843	585,720	407,763
41	Miscellaneous Freight Shipments	9,312	5,826	8,766	23,460	14,444	7,258
42	Container, Returned Empty	32,756	17,323	9,405	18,989	16,097	17,502
44	Freight Forwarder Traffic	3,078	406	11,302	50	1,319	359
45	Shipper Associate of Similar Traffic	1,438	11,306	6,054	20,100	12,138	6,159
46	Miscellaneous Mixed Shipments	41,408	87,611	144,252	150,390	202,175	180,670
Grand Total Carload		27,400,765	24,417,956	29,446,618	24,858,095	24,426,942	19,615,009
47	Small Packaged Freight Shipments	8,866	1,660	1,851	3,708	999	489
Carload and LCL Traffic		27,409,631	24,419,616	29,448,469	24,861,803	24,427,941	19,615,498

Source: Iowa Department of Transportation, Office of Advance Planning

Revenue freight terminating on class 1 railroads (tons)

Code No.		1970	1975	1980	1983	1984	1985
01	Farm Products	5,849,797	5,318,918	3,160,190	6,294,765	6,040,261	4,376,236
08	Forest Products	18,405	19,592	16,777	21,381	30,536	21,562
09	Fresh Fish	14,594	9,126	5,421	1,882	1,095	1,039
10	Metallic Ores	49,587	8,016	42,672	12,106	18,843	19,506
11	Coal	3,402,527	4,071,743	9,617,358	9,603,690	11,296,109	10,053,289
13	Crude Petroleum	2,224	224	30	—	67	—
14	Nonmetallic Minerals	2,459,163	2,352,562	743,136	286,469	522,073	570,571
19	Ordance and Accessories	78,220	37,285	1,617	1,897	2,516	2,653
20	Food and Kindred Products	2,455,156	1,765,620	1,200,952	962,306	905,750	1,066,059
21	Tobacco Products	4,209	6,907	2,901	873	619	248
22	Basic Textiles	16,886	18,893	5,299	759	399	148
23	Apparel and Finished Textile	905	476	149	131	20	25
24	Lumber and Wood Products	627,922	545,636	299,121	185,072	168,148	159,524
25	Furniture and Fixtures	24,031	20,097	7,703	1,712	1,520	509
26	Pulp, Paper, and Allied Products	756,008	685,197	716,355	645,417	683,899	590,293
27	Printed Matter	6,019	9,493	504	105	48	90
28	Chemical and Allied Products	3,209,320	3,362,749	3,314,087	2,625,956	2,758,617	2,254,349
29	Petroleum and Coal Products	462,522	440,687	187,675	189,665	158,031	167,387
30	Rubber and Miscellaneous	68,369	47,288	20,736	8,619	4,199	3,251
31	Leather and Leather Products	2,528	196	—	28	—	—
32	Stone, Clay, Glass Products	840,991	633,174	263,722	211,827	297,807	313,559
33	Primary Metal Products	700,010	484,711	549,684	443,449	516,117	353,141
34	Fabricated Metal Products	161,217	117,788	30,755	3,491	8,567	3,322
35	Machinery Except Electrical	67,346	57,804	17,949	5,694	4,522	2,132
36	Electrical Machinery	49,500	27,671	12,483	807	2,187	564
37	Transportation Machinery	186,929	252,591	162,410	107,698	123,783	103,785
38	Instruments, Optical Products	867	509	20	—	—	—
89	Miscellaneous Manufacturing Products	2,474	1,382	5,415	72	46	30
40	Wasted Scrap Materials	367,445	313,510	482,351	414,727	392,011	164,949
41	Miscellaneous Freight Shipments	7,530	4,102	3,687	21,760	13,359	7,123
42	Container Returned Empty	6,087	8,019	8,839	7,159	5,025	3,671
44	Freight Forwarder Traffic	12,325	2,628	1,159	3,763	4,450	7,093
45	Shipper Associate of Similar Traffic	4,588	13,653	14,919	24,102	23,876	13,301
46	Miscellaneous Mixed Shipments	103,996	115,415	73,988	58,116	78,773	70,419
Grand Total Carload		22,140,697	20,753,662	20,978,064	22,145,002	24,063,433	20,335,237
47	Small Packaged Freight Shipments	6,231	5,232	1,099	2,588	1,165	348
Carload and LCL Traffic		22,146,928	20,758,894	20,979,163	22,147,590	24,064,598	20,335,585

Source: Iowa Department of Transportation, Office of Advance Planning

Iowa's transportation industry, 1984

SIC Code	Industry Description	Number of Establishments	Number of Employees	Annual Payroll ($000)
41	Local and interurban passenger transit	111	1,400	11,226
411	Local and suburban transportation	50	634	4,242
412	Taxicabs	26	262	1,778
413	Intercity highway transportation	10	158	2,844
415	School buses	13	230	1,335
42	Trucking and warehousing	1,971	17,744	330,488
421	Trucking, local and long distance	1,816	16,423	309,371
422	Public warehousing	129	1,149	17,188
423	Trucking terminal facilities	11	110	2,620
45	Transportation by air	81	1,041	19,467
451	Air transportation	50	847	17,358
458	Air transportation services	23	130	1,460
47	Transportation services	194	1,216	17,317
472	Arrangement of transportation	168	877	10,198

Source: County Business Patterns, 1984, Bureau of the Census, U.S. Department of Commerce.

Truck transportation

Commodity Groups	Intercity Truck Tonnage (Thousands)	Truck Percent of Total	Value of Shipments (Million Dollars)*	Truck Percent of Total
Food & Kindred Products	13,459	61.6	$ 7,427	75.5
Lumber & Wood Products	262	66.8	213	82.9
Furniture & Fixtures	89	89.9	236	89.7
Pulp & Paper	380	99.2	375	96.4
Printed Matter	678	93.8	564	79.1
Rubber & Plastic Products	270	75.0	595	71.7
Stone, Clay, Glass & Concrete Products	14,871	93.6	491	87.7
Primary Metal Products	401	84.8	662	87.1
Fabricated Metal Products	391	86.7	825	80.3
Non-electrical Machinery	1,194	74.1	3,609	75.6
Electrical Machinery	231	68.8	875	60.3
Miscellaneous Commodities	662	62.5	1,873	73.7
TOTAL	32,888	75.4	$17,745	75.8

*Value of shipments is defined as the "net selling value, f.o.b. plant, after discounts and allowances, and exclusive of freight charges and excise taxes."

Includes air, water, parcel delivery, and others.

Source: 1977 Census of Transporation,Commodity Transportation Survey, U.S. Department of Commerce.

Public transit

Iowa has 35 tax supported public transit systems; 19 urban and 16 regional (rural). During fiscal year 1986, these public transit systems provided approximately 17,795,559 miles of service, transporting 23,717,628 passengers.

	Urban Areas			Regional Area			Total		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
Miles of Service (000)	10,307	9,757	10,042	7,062	7,850	7,752	17,368	17,607	17,795
Passengers (000)	18,603	21,250	20,945	2,320	2,607	2,771	20,923	23,857	23,717

Source: Public Transit Division, Iowa Department of Transportation.

Unofficial navigation tonnage

	1970 (tons)	1975 (tons)	1980 (tons)	1982[1] (tons)	1983 (tons)	1984 (tons)	1985 (tons)
Missouri River:							
Traffic - Sioux City to Omaha							
Farm Products	93,112	34,146	59,316	19,663	50,626	27,280	NA
Food and Kindred Products	113,243	119,090	48,594	219,663	242,574	210,671	NA
Chemicals	118,198	138,149	85,679	99,348	117,496	132,428	NA
Other	48,765	64,029	56,704	65,158	116,100	119,749	NA
Total	373,318	355,414	350,293	403,832	526,796	490,527	NA
Mississippi River:							
Traffic - Rock Island District							
Grain	9,022,300	12,054,324	22,774,160	21,559,655	30,985,899	28,439,744	19,626,520
Coal	6,401,355	4,932,500	4,176,600	5,624,925	5,939,964	6,140,144	6,029,450
Petroleum	2,708,721	2,100,053	2,586,760	1,820,068	1,567,849	1,698,215	1,734,044
Other	4,278,094	5,418,246	4,817,869	5,566,616	6,264,008	6,526,972	6,590,405
Total	22,410,470	24,505,123	34,355,389	34,571,264	44,757,720	42,805,075	33,975,419

Grain is reported in food and kindred products, and the 1982 and 1983 farm products reflects other agricultural products such as alfalfa pellets.

Source: Iowa Department of Transportation.

Road construction

	Primary Roads	Interstate Roads	State Parks and Institutional Roads	Farm to Market Roads	Total
7/1/76–6/30/77	99,076,327	43,357,379	679,271	33,989,926	177,102,904
7/1/77–6/30/78	121,110,115	15,007,379	805,732	45,051,623	181,974,849
7/1/78–6/30/79	105,277,146	54,518,440	1,437,092	47,287,367	208,520,045
7/1/79–6/30/80	75,539,584	20,875,799	1,873,688	49,772,220	148,061,291
7/1/80–6/30/81	74,174,384	33,638,590	2,011,011	64,563,285	174,387,270
7/1/81–6/30/82	73,162,427	51,858,856	968,299	48,909,611	190,646,008
7/1/82–6/30/83	118,742,693	68,773,026	1,572,330	57,221,855	246,309,906
7/1/83–6/30/84	146,252,049	48,725,646	781,824	72,355,028	283,044,587
7/1/84–6/30/85	156,796,566	46,457,143	2,280,998	75,107,808	280,642,515
7/1/85–6/30/86	118,269,858	38,369,654	1,520,498	68,649,969	226,809,979

Source: Iowa Department of Transportation, Contracts Administration.

Traffic fatalities

	Traffic Deaths				Traffic Deaths per 100,000,000 vehicle miles			
State	**1982**	**1983**	**1984**	**1985**	**1982**	**1983**	**1984**	**1985**
U.S.	46,482	44,600	46,200	44,613	2.9	2.7	2.7	2.7
IOWA	480	509	420	473	2.5	2.5	2.1	2.3
Illinois	1,671	1,553	1,572	1,534	2.5	2.3	2.3	2.2
Kansas	498	411	510	488	2.8	2.2	2.7	2.7
Minnesota	581	558	584	609	2.0	1.8	1.8	1.8
Missouri	908	921	991	930	2.6	2.5	2.6	2.4
Nebraska	261	255	285	237	2.3	2.1	2.3	2.0
South Dakota	148	174	143	130	2.3	2.6	2.3	2.1
Wisconsin	772	735	834	744	2.4	2.2	2.4	2.0

Source: US Department of Transportation, National Highway Traffic Safety Administration.

Class 1 and 11 railroads[1], Iowa

	1970	1975	1980	1982	1983	1984	1985
Miles of road operated within the state	8,464	7,951	5,292	4,891	4,720	4,456	4,201
Tons of revenue freight carried within the state	93,916,708	112,680,340	137,294,000	108,728,407	115,524,877	122,879,863	121,092,920

Class 1 railroads are those having revenues of $87.3 million and over per year.

Source: Iowa Department of Transportation, Advance Planning Section.

Registered aircraft

	1970	1975	1980	1982	1983	1984	1985	1986
Number of registered aircraft in Iowa	2,565	2,789	3,000	3,335	3,099	3,079	2,962	2,936

Source: Iowa Department of Transportation, Air and Transit Division

Motor vehicle registration, 1985

County	Total Registrations[1]	County	Total Registrations[1]
Adair	10,885	Jefferson	19,070
Adams	5,404	Johnson	71,897
Allamakee	16,376	Jones	21,016
Appanoose	16,402	Keokuk	14,838
Audubon	9,256	Kossuth	24,288
Benton	19,611	Lee	35,902
Black Hawk	131,405	Linn	169,573
Boone	22,908	Louisa	13,709
Bremer	26,020	Lucas	11,487
Buchanan	22,969	Lyon	14,834
Buena Vista	23,283	Madison	14,375
Butler	19,989	Mahaska	25,137
Calhoun	14,759	Marion	31,440
Carroll	24,996	Marshall	44,399
Cass	20,359	Mills	14,798
Cedar	15,897	Mitchell	13,735
Cerro Gordo	51,280	Monona	12,945
Cherokee	18,176	Monroe	9,880
Chickasaw	16,935	Montgomery	11,708
Clarke	9,683	Muscatine	45,694
Clay	16,449	O'Brien	19,363
Clayton	22,532	Osceola	9,488
Clinton	58,640	Page	19,554
Crawford	21,153	Palo Alto	13,210
Dallas	26,642	Plymouth	27,543
Davis	10,289	Pocahontas	12,800
Decatur	9,543	Polk	341,538
Delaware	19,278	Pottawattamie	101,168
Des Moines	49,971	Poweshiek	21,844
Dickinson	18,203	Ringgold	7,181
Dubuque	85,699	Sac	15,268
Emmet	14,974	Scott	157,132
Fayette	25,623	Shelby	16,483
Floyd	21,533	Sioux	31,705
Franklin	11,587	Story	47,690
Fremont	10,668	Tama	21,795
Greene	14,153	Taylor	9,396
Grundy	15,696	Union	15,096
Guthrie	13,509	Van Buren	9,783
Hamilton	20,495	Wapello	41,135
Hancock	15,626	Warren	38,074
Hardin	24,558	Washington	22,608
Harrison	14,790	Wayne	9,136
Henry	20,953	Webster	46,510
Howard	12,205	Winnebago	15,248
Humboldt	14,342	Winneshiek	22,430
Ida	10,538	Woodbury	98,613
Iowa	17,622	Worth	10,559
Jackson	23,181	Wright	14,049
Jasper	40,426	County Total	3,052,913

[1] These are the number of registered vehicles.

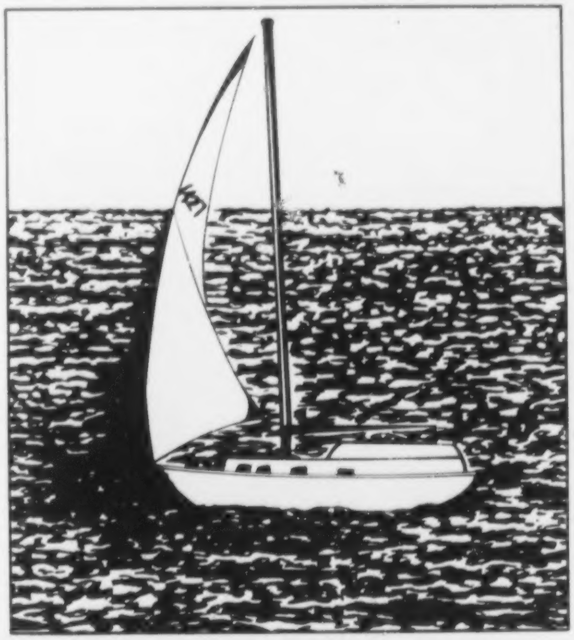
Source: Iowa Department of Transportation, Motor Vehicle Registration Division

Travel

Travel, vacations, conventions and outdoor life add up to a billion dollars a year in Iowa's growing tourism and travel industry. A 1986 study conducted at interstate welcome centers showed that the average travel party of 2.7 persons spent $84.05 each day they were in the state.

Named "The Beautiful Land" by Native Americans, Iowa has something for everyone. The state is dotted with historical sites, cultural facilities and terrain that can accommodate everything from downhill skiing to bicycling. Numerous hotels range from quaint to luxurious. There is an abundance of game and campgrounds, along with some of the finest golf courses in America.

Iowa has 19,000 miles of interior fishing streams, two major natural "great lake" areas and four of the nation's largest man-made lakes. The bordering Mississippi and Missouri Rivers offer water sports, scenery and the excitement of passenger or commercial water travel.



Tourism statistics

321,490	Resident Fishing Licenses
118,163	Resident Hunting Licenses
90,281	Resident Combination Licenses
22,977	Non-Resident Hunting Licenses
14,007	Non-Resident Fishing Licenses
78,847	Gun Deer Licenses
21,408	Bow and Arrow Deer Licenses
20,704	Landowner-Tenant Deer Licenses
37,687	Iowa Duck, Stamps
28,555	Trout Stamps
28,675	Resident Trapping
14,377	Turkey Licenses
300,000	Acres of Public Hunting Areas
42,000	Acres of Public Waterfowl Refuges
2,800,000	Visitors to Public Hunting Areas
53%	of Visitors to Public Hunting Areas Were Not Hunters
203,500	Surface Acres of River Boundary Waters
87,000	Farm Ponds in Southern Iowa
33,000	Acres of Natural Lakes
23,000	Acres of Man-Made Lakes
2,000	Acres of Oxbow Lakes
30,200	Acres of Federal Reservoirs
19,000	Miles of Interior Fishing Streams
72	State Parks and Recreation Areas
12,864,853	State Park and Recreation Visitors in 1985
43	State Parks with Lakes
58	State Parks with Camping
26,000	Acres of State Forests
7,700	Acres of State Preserve Areas
1,120	County Conservation Board Areas
1,561,000	Acres of Iowa Forests

Wild game statistics

Species	**No. Hunters**	**Game Harvested**	**Species**	**No. Hunters**	**Game Harvested**
Pheasant	175,225	852,716	Fall Turkey	3,762	1,753
Rabbits	114,068	721,450	Spring Turkey	13,535	3,974
Squirrel	88,849	673,655	Deer Bow	22,830	5,805
Quail	54,427	189,236	Deer Gun	98,818	37,957

Source: Iowa Department of Natural Resources

State park attendance, 1985

A. A. Call	44,500	Lake Darling	298,350	Pleasant Creek	242,461
Backbone	395,691	Lake Keomah	182,815	Plum Grove	758
Beeds Lake	167,125	Lake Macbride	633,045	Prairie Rose	169,759
Bellevue	194,250	Lake Manawa	1,219,457	Preparation Canyon	17,825
Big Creek	390,758	Lake of Three Fires	181,600	Red Haw	256,040
Black Hawk	847,015	Lake Wapello	124,032	Rock Creek	128,500
Bob White	36,403	Ledges	222,000	Springbrook	190,500
Brushy Creek	85,060	Lewis and Clark	229,425	Stone Park	324,990
Clear Lake	306,150	Lower Gar	14,850	Trappers Bay	42,625
Dolliver	243,700	Maquoketa Caves	105,413	Twin Lakes	112,460
Elk Rock	93,958	Marble Beach	130,400	Union Grove	171,031
Emerson	154,525	Margo Frankel	69,600	Viking Lake	233,400
Fort Defiance	51,900	McIntosh Woods	182,500	Volga River	204,697
Geode	327,000	Mini-Wakan	54,500	Walnut Woods	75,395
George Wyth	506,133	Nine Eagles	75,697	Wanata	13,640
Green Valley	206,402	Okamanpedan	33,200	Wapsipinicon	510,600
Gull Point	193,200	Palisades-Kepler	252,200	Waubonsie	129,005
Honey Creek	154,350	Pammel	66,478	Wild Cat Den	271,200
Isthmus	25,650	Pikes Peak	30,661	Wilson Island	70,812
Lacey-Keosauqua	181,700	Pikes Point	64,600	Yellow River	12,621
Lake Ahquabi	231,282	Pilot Knob	165,859	**TOTAL ATTENDANCE FOR 1985—ALL PARKS**	**12,864,853**
Lake Anita	178,100	Pine Lake	335,000		

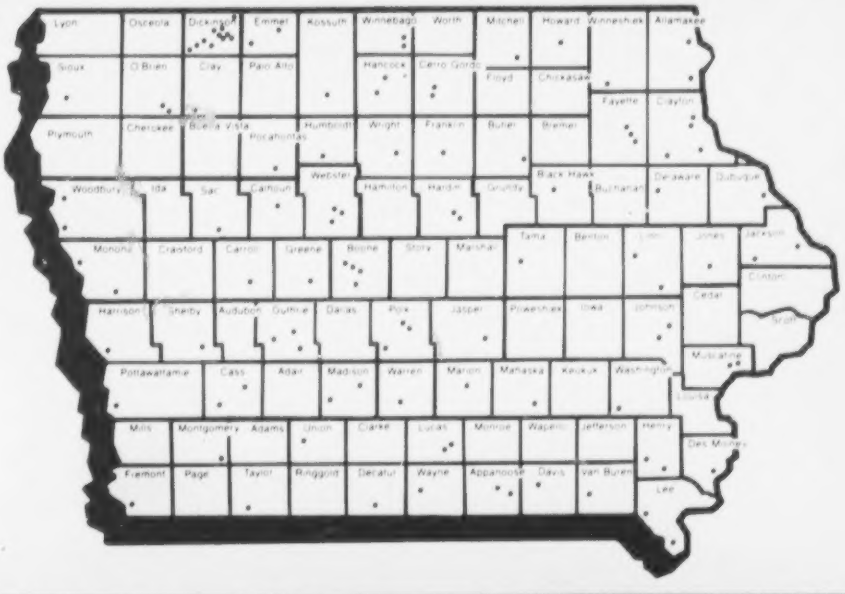
Contact Parks Section-Conservation Commission #5629

Source: Iowa Department of Natural Resources.

State-owned recreation areas

Iowa's state owned parks and recreation areas offer:

Camping
Hunting
Picnicking
Swimming
Boating
Fishing
Nature Trails
Golf
Winter Skiing
Snowmobile Trails
and much more



Economic impact of travel on Iowa

	1978	1980	1981	1982	1983	1984
Total travel expenditures ($000)	1,266,367	1,532,200	1,619,000	1,593,900	1,594,400	1,680,200
Jobs directly attributable to traveler spending in Iowa (000)	53.5	54.0	51.5	48.3	46.4	47.2
Average travel expenditures generating one job in the travel industry ($000)	23.7	28.6	31.0	33.0	34.3	35.6
State and local tax revenue generated by travelers ($000)	56,552	71,800	69,959	138,000	165,000	81,700

Source: U.S. Travel Data Center County Travel Economic Impact Model (CTEIM).

Welcome center survey results (May-September)

	1977	1980	1984	1985	1986
Percent of visitors with destination in Iowa	13%	22%	28%	31%	29%
Average days spent on trip	20.9	16.5	18.2	13.0	17.6
Average days spent in Iowa	2.5	2.9	2.5	2.7	2.6
Average travel party size	3.2	3.0	2.7	2.6	2.7
Average party spending per day	$ 40.42	$ 57.12	$ 75.90	$ 76.20	$ 84.05
Estimated spending of center visitors	$ 5,029,460	$ 8,297,970	$14,409,236	$17,346,968	$20,702,002
Estimated economic impact of center visitors	$13,176,078	$21,219,719	$38,117,346	$46,054,970	$55,705,677

Source: Iowa Department of Economic Development.

Impact of travel on counties, 1984

County	Total Expenditures (Thousands)	Travel Generated Payroll (Thousands)	Travel Generated Employment (Jobs)	State Tax Receipts (Thousands)	Local Tax Receipts (Thousands)
State Total	$1,683,568	$337,896	47,211	$73,731	$20,157
Polk	575,603	125,107	15,746	22,689	8,156
Linn	169,380	37,132	4,369	6,011	2,224
Scott	106,938	18,941	2,883	4,790	1,286
Woodbury	78,074	16,147	2,230	3,426	963
Johnson	68,533	13,500	2,252	3,749	1,009
Black Hawk	67,831	13,966	1,866	2,888	778
Dubuque	60,873	12,076	1,832	2,971	809
Story	51,623	10,135	1,685	2,826	461
Lee	41,954	5,776	681	1,068	263
Cerro Gordo	40,381	7,604	1,200	1,973	346
Pottawattamie	35,969	6,746	1,127	1,943	434
Dickinson	28,230	5,231	855	1,380	238
Muscatine	21,001	4,027	661	1,132	268
Jasper	18,730	3,494	587	1,006	159
Webster	18,274	3,516	538	908	160
Wapello	16,762	3,091	515	873	222
Marshall	16,653	3,241	525	880	147
Des Moines	14,522	2,766	452	762	200
Dallas	9,949	1,829	306	532	83
Clay	8,857	1,682	274	469	76
Clinton	7,853	1,444	214	388	65
Iowa	5,611	1,043	177	301	47
Buena Vista	5,361	1,006	163	282	45
Clayton	5,218	908	144	237	41
Harrison	5,151	895	149	269	40
Poweshiek	5,078	940	143	230	42
Cass	4,977	895	150	263	40
Floyd	4,933	925	151	261	42
Boone	4,817	889	140	242	40
Hamilton	4,697	866	141	243	39
Carroll	4,643	852	135	236	38
Kossuth	4,618	779	122	233	35
Winnebago	4,465	838	138	237	38
Jackson	4,454	806	130	223	36
Tama	4,357	794	129	223	36
Union	4,218	800	129	215	36
Jones	3,982	690	112	203	31
Bremer	3,665	675	109	190	30
Mahaska	3,605	679	106	180	30
Davis	3,588	649	107	181	29
Clarke	3,562	636	104	174	28
Plymouth	3,380	582	91	167	26
Crawford	3,377	627	99	174	28
Page	3,290	587	92	159	26
Fayette	3,286	565	86	155	25
Wright	3,233	560	92	162	28
Keokuk	3,228	565	92	159	25
Buchanan	3,148	531	84	146	24
Guthrie	3,129	531	78	113	24
Cedar	3,105	688	100	158	31
Winneshiek	3,077	586	92	156	26
Montgomery	3,062	570	92	157	25
Madison	3,029	529	87	151	24
Adair	3,017	546	91	154	24

Impact of travel on counties, 1984 (continued)

County	Total Expenditures (Thousands)	Travel Generated Payroll (Thousands)	Travel Generated Employment (Jobs)	State Tax Receipts (Thousands)	Local Tax Receipts (Thousands)
Cherokee	2,943	514	85	151	23
Henry	2,928	520	80	142	23
Sioux	2,927	494	71	138	22
Palo Alto	2,892	507	82	139	23
Hardin	2,884	511	77	143	23
Warren	2,873	480	73	141	27
Mills	2,809	487	79	143	22
Marion	2,717	612	83	128	27
Calhoun	2,688	521	78	133	23
Sac	2,685	452	70	117	20
Emmet	2,673	483	76	137	22
Chickasaw	2,669	468	76	131	21
Adams	2,651	508	85	140	23
Monona	2,557	440	71	124	20
Jefferson	2,536	514	74	121	23
Appanoose	2,476	450	69	117	20
Lucas	2,334	417	69	118	18
Mitchell	2,281	401	66	111	18
Decatur	2,280	413	66	106	18
Franklin	2,216	387	64	114	17
Pocahontas	2,212	391	60	98	17
Greene	2,203	413	67	111	18
Allamakee	2,177	344	48	73	15
Fremont	2,128	404	66	108	18
Taylor	2,068	381	64	105	17
Ida	2,012	355	59	101	16
Washington	1,920	319	47	90	14
Ringgold	1,911	324	49	75	14
Louisa	1,878	313	49	88	14
Benton	1,846	288	45	88	13
Humboldt	1,798	292	45	82	13
Hancock	1,723	301	46	79	13
Worth	1,708	304	49	81	13
Shelby	1,708	302	46	81	13
Audubon	1,682	302	48	86	13
Grundy	1,648	275	43	80	12
Wayne	1,539	278	44	70	12
O'Brien	1,534	225	33	65	10
Butler	1,489	257	42	76	11
Delaware	1,298	187	26	46	8
Monroe	882	128	18	34	5
Howard	870	141	23	40	6
Osceloa	835	140	22	38	6
Van Buren	807	143	23	35	6
Lyon	322	27	2	9	1

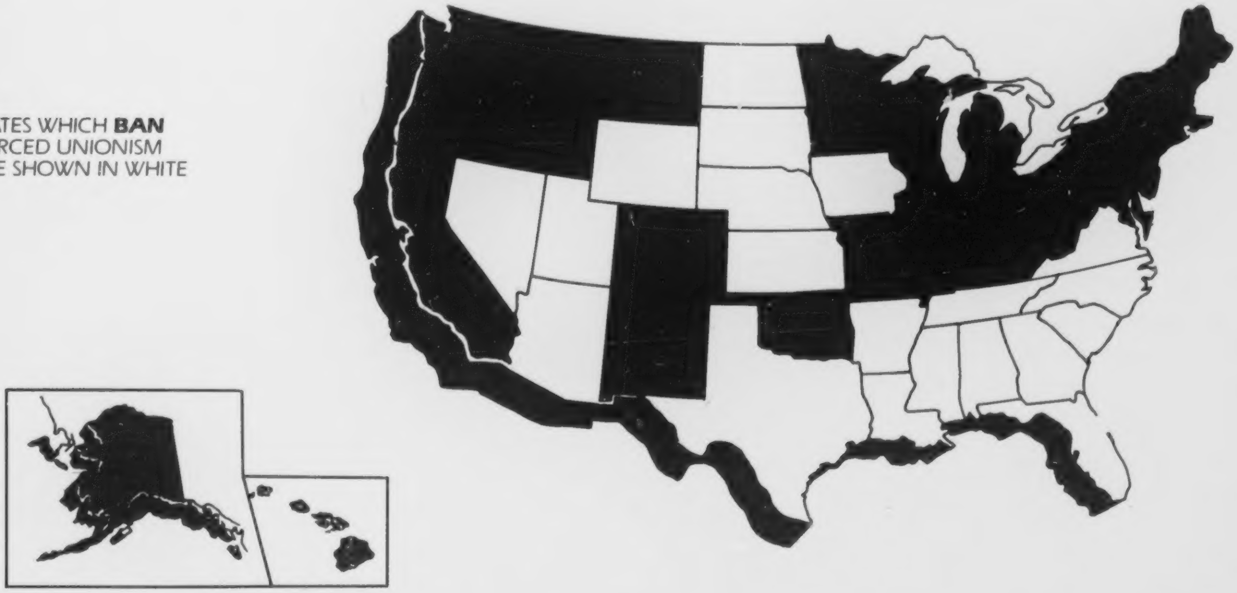
Source: U.S. Travel Data Center County Travel Economic Impact Model.

Workforce-Employment

Right to work law

Iowa law assures that no worker can be deprived of getting or keeping a job because the worker belongs, or does not belong, to any kind of organization — association, labor union, club, or professional group.

Traditionally, support for this law has transcended philosophical differences between political parties and among Iowa legislators. It is unlikely to be changed.



STATES WHICH **BAN** FORCED UNIONISM ARE SHOWN IN WHITE

Labor unions

	Union Membership (000's)			Percent of Workforce Unionized		
	1975	1980	1982	1975	1980	1982
Illinois	1,552.9	1,431.3	1,261.2	35.1%	29.5%	27.5%
Indiana	610.3	627.3	505.4	31.6	29.5	25.1
IOWA	232.3	237.9	210.8	23.4	21.4	20.5
Kansas	127.6	121.3	109.9	16.0	12.8	12.0
Minnesota	426.2	431.0	419.1	29.0	24.3	24.5
Missouri	574.8	568.2	510.4	33.4	28.8	26.6
Nebraska	106.7	104.3	98.3	19.3	16.6	16.3
Ohio	1,449.1	1,311.5	1,132.3	36.1	30.0	27.4
South Dakota	27.8	25.4	23.8	13.3	10.7	10.3
Wisconsin	526.6	491.5	457.2	31.5	25.4	24.5
United States	22,207.0	20,968.0	19,571.0	38.9	23.2	21.9

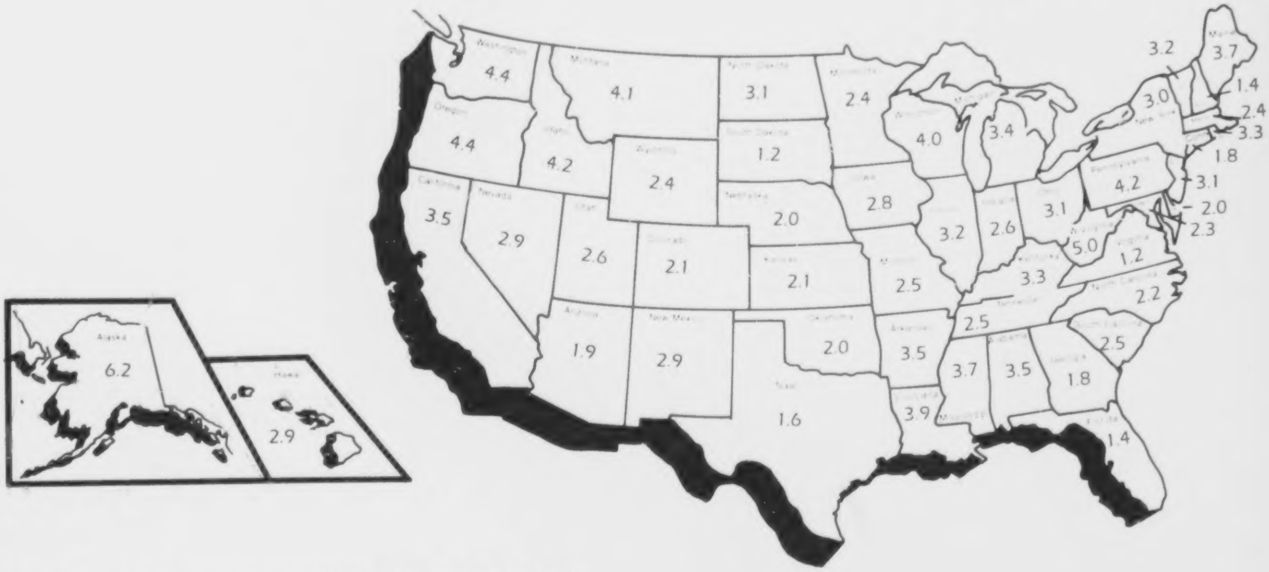
Source: Union Sourcebook First Edition, 1985, Leo Troy Ph.D. and Neil Sheflin, Ph.D.

Iowa employment and unemployment

	IOWA				U.S.
Year	**Total Labor Force (000)**	**Total Employment[1] (000)**	**Number Unemployed (000)**	**Unemployment Rate (%)**	**Unemployment Rate (%)**
1955	1,072.6	1,042.5	30.1	2.8	4.4
1957	1,079.7	1,047.7	32.0	3.0	4.3
1958	1,077.0	1,039.5	37.5	3.5	6.8
1959	1,102.1	1,071.5	30.5	2.8	5.5
1960	1,104.1	1,069.1	35.0	3.2	5.5
1961	1,104.2	1,061.0	43.3	3.9	6.7
1962	1,087.8	1,051.0	36.8	3.4	5.5
1963	1,082.9	1,049.7	33.1	3.1	5.7
1964	1,095.4	1,065.7	29.7	2.7	5.2
1965	1,118.5	1,091.4	27.1	2.4	4.5
1966	1,152.0	1,127.6	24.3	2.1	3.8
1967	1,167.4	1,138.7	28.7	2.5	3.9
1968	1,177.3	1,147.6	29.6	2.5	3.6
1969	1,194.1	1,160.7	33.4	2.8	3.5
1970[r]	1,195.5	1,155.7	39.8	3.3	4.9
1971	1,208.6	1,167.3	41.3	3.4	5.9
1972	1,250.3	1,218.0	32.3	2.6	5.6
1973	1,284.3	1,257.8	26.5	2.1	4.9
1974	1,303.5	1,275.2	28.2	2.2	5.6
1975	1,315.4	1,259.6	55.8	4.2	8.5
1976	1,335.0	1,282.0	53.0	4.0	7.7
1977	1,385.0	1,329.0	56.0	4.0	7.0
1978	1,419.0	1,362.0	57.0	4.0	6.0
1979	1,432.0	1,373.0	59.0	4.1	5.7
1980	1,431.0	1,344.0	82.0	5.8	7.1
1981[r]	1,427.0	1,328.0	99.0	6.9	7.5
1982	1,418.0	1,297.0	121.0	8.5	9.5
1983	1,422.0	1,306.0	116.0	8.1	9.5
1984	1,412.0	1,313.0	99.0	7.0	7.4
1985	1,416.0	1,303.0	113.0	8.0	7.1

r = revised
1 = Data from 1970 through 1980 has been revised to "place of residence" concept
2 = Data from 1970 through 1981 has been adjusted to current population survey
Source: Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, May 1986

Map shows insured 1984 unemployment as percent of average covered employment in the previous year.



Source: U.S. Department of Commerce, Statistical Abstract of the United States, 1986.

New jobs created

Industry	**3rd Qtr. 1884**	**4th Qtr. 1984**	**1984 Total**	**1st Qtr. 1985**	**2nd Qtr. 1985**	**3rd Qtr. 1985**	**4th Qtr. 1985**	**1985 Total**	**1st Qtr. 1986**	**2nd Qtr. 1986**
Agriculture	245	61	491	90	272	176	124	662	28	158
Mining	80	16	138	10	10	5	7	32	11	1
Construction	1,677	716	4,276	661	1,491	1,355	685	4,192	466	1,117
Manufacturing	1,111	634	3,563	952	870	815	771	3,408	1,317	1,760
Transportation & Utilities	522	306	1,856	527	1,051	298	684	2,560	425	534
Trade	4,526	4,349	18,015	3,546	4,390	3,891	3,867	5,694	3,358	3,917
Finance	181	164	926	262	276	340	215	1,093	310	262
Services	2,292	1,771	7,818	1,991	2,662	2,182	1,545	8,380	2,947	2,121
Public Administration	85	32	265	103	55	131	18	307	19	397
Total	10,719	8,049	37,348	8,142	11,077	9,193	7,916	36,328	8,881	10,267

Source: Department of Employment Services

Employment climate

	Year	**United States**	**IOWA**	**Minnesota**	**South Dakota**	**Nebraska**	**Kansas**	**Missouri**	**Illinois**	**Wisconsin**	**Indiana**	**Ohio**
Annual average non-agricultural employment (000)	1983	90,138.00	1,040.40	1,718.40	235.30	610.80	921.60	1,937.00	4,530.60	1,864.60	2,029.50	4,091.70
	1984	94,156.00	1,062.40	1,824.20	244.60	628.50	960.50	2,014.70	4,636.50	1,941.10	2,131.40	4,248.00
	1985	97,699.00	1,074.70	1,866.10	247.70	650.30	975.30	2,096.50	4,767.10	1,976.80	2,176.80	4,378.60
Annual average manufacturing employment (000)	1983	18,497.00	202.30	346.30	25.90	84.70	164.70	405.40	955.80	484.10	581.60	1,066.00
	1984	19,590.00	210.90	373.90	28.60	89.00	176.50	430.90	985.50	517.80	621.10	1,125.10
	1985	19,426.00	204.90	374.90	27.40	88.90	174.30	429.30	981.10	514.80	610.30	1,123.10
Average weekly manufacturing earnings (dollars)	1983	354.08	401.58	379.53	304.10	353.03	360.89	354.71	393.59	398.05	414.10	437.18
	1984	373.22	412.05	392.93	303.16	361.67	377.88	377.14	409.35	412.23	435.76	463.61
	1985	385.56	414.90	405.00	311.00	363.90	373.70	384.30	421.00	421.70	438.00	478.00
Average weekly manufacturing hours	1983	40.10	39.80	39.70	41.60	40.30	39.10	39.90	40.60	40.70	41.00	41.40
	1984	40.70	40.20	40.30	42.40	40.50	40.20	40.50	40.60	41.10	41.70	42.30
	1985	40.50	40.20	40.30	41.80	40.30	39.50	40.20	40.60	40.10	40.90	42.00
Average hourly manufacturing earnings incl. overtime (dollars)	1983	8.510	10.09	9.56	7.31	8.76	9.23	8.89	9.70	9.78	10.10	10.56
	1984	8.80	10.25	9.75	7.15	8.93	9.40	9.32	10.08	10.03	10.45	10.96
	1985	9.14	10.30	10.00	7.40	9.00	9.50	9.60	10.40	10.30	10.70	11.40
Unemployment (%)	1983	9.50	8.10	8.20	5.40	5.70	6.10	9.90	11.40	10.40	11.10	12.20
	1984	7.40	7.00	6.30	4.30	4.40	5.20	7.20	9.10	7.30	8.60	9.40
	1985	7.10	8.00	6.00	5.10	5.50	5.00	6.40	9.00	7.20	7.90	8.90

Source: Employment and Earnings, May 1986, U.S. Department of Labor, Bureau of Labor Statistics.

Employment by industry (figures in 000's)

	1965 Annual Average	1970 Annual Average	1975 Annual Average	1980 Annual Average	1982 Annual Average	1983 Annual Average	1984[r] Annual Average	1985 Annual Average
Total Nonagricultural	754.60	882.8	998.7	1109.8	41.9	1,040.4	1,074.7	1,074.7
Manufacturing	192.4	215.5	230.4	244.8	09.8	202.3	211.9	204.9
Durable goods	107.8	122.8	141.4	150.0	21.9	114.8	123.5	117.7
Number and furniture	6.5	8.2	8.6	8.5	7.4	8.2	8.9	8.9
Stone, clay and glass	6.5	6.7	7.0	6.4	4.9	4.9	4.8	4.4
Primary metal industries	8.0	8.5	7.6	8.5	7.9	7.1	7.9	7.4
Fabricated metal products	11.0	13.1	17.7	19.3	16.2	15.7	16.0	15.5
Machinery (except electrical)	41.3	44.6	59.0	64.9	48.5	42.6	46.3	42.6
Farm machinery	26.2	24.0	26.7	26.9	21.1	18.0	18.5	15.1
Construction and related machinery	6.1	9.0	19.3	22.1	13.4	11.4	12.9	12.4
Electrical equipment and supplies	22.7	23.7	24.7	25.3	21.3	19.8	20.3	20.2
Transportation equipment	2.7	5.6	8.3	7.4	6.7	7.4	9.7	9.1
Other durable goods[1]	9.1	12.4	8.6	9.7	9.0	9.1	9.6	9.6
Nondurable goods	84.6	92.7	89.0	94.8	88.0	87.4	88.4	87.1
Food and kindred products	51.5	54.4	47.7	48.5	44.6	43.9	42.5	41.1
Meat products	25.6	28.2	23.3	24.9	22.3	22.1	21.0	19.8
Grain mill products	9.4	10.9	11.1	11.3	10.4	9.9	9.4	9.1
Bakery products	3.8	3.3	2.9	2.4	2.0	2.0	2.0	1.9
Apparel	3.9	4.0	3.8	4.1	3.9	4.0	4.1	4.5
Printing and publishing	12.3	13.6	15.0	17.8	17.5	17.5	18.2	18.4
Newspapers	6.2	6.6	6.5	7.4	6.9	6.8	7.0	7.2
Chemical and allied products	6.1	7.5	7.2	7.8	6.9	6.6	6.6	6.5
Other nondurable goods[2]	1.3	1.8	2.1	2.1	1.8	1.8	1.7	1.7
Paper and allied products	2.9	3.6	3.7	4.2	3.7	3.5	3.7	4.1
Rubber and plastic products	6.6	7.8	9.5	10.3	9.5	10.2	11.2	10.8
Nonmanufacturing	562.2	667.3	768.3	865.1	832.1	838.1	862.8	869.9
Mining	3.3	3.0	2.8	2.2	1.7	1.9	2.0	2.1
Contract construction	37.4	40.6	49.8	50.9	38.1	35.9	38.7	36.3
Transportation and public utilities	49.6	51.1	53.3	56.3	52.7	51.3	51.5	51.4
Railroad transportation	12.5	10.1	9.0	8.0	6.5	5.7	5.8	5.4
Communication	11.5	12.5	13.3	14.5	13.7	12.7	11.8	11.4
Electric, gas and sanitary	9.0	9.7	9.8	10.5	10.4	10.3	10.3	10.3
Wholesale and retail trade	185.6	209.2	250.8	280.7	267.2	268.7	277.1	278.9
Wholesale trade	43.8	44.1	67.8	76.7	73.0	71.9	74.0	74.2
Retail trade	141.8	165.2	183.0	203.9	194.2	196.8	203.1	204.7
Retail general merchandise	22.4	25.6	25.5	27.4	26.1	25.5	26.8	27.0
Finance, insurance and real estate	35.8	41.0	48.3	58.3	58.9	59.8	61.8	63.0
Banking	11.0	13.2	15.8	18.1	18.4	18.5	18.6	18.6
Insurance carriers, agent and broker	14.9	16.6	19.3	23.5	24.4	24.6	25.3	26.1
Service and miscellaneous	111.9	146.7	171.5	209.3	211.4	217.1	227.0	231.3
Medical and other health services	34.1	44.3	60.2	77.1	80.4	80.4	79.9	79.8
Government	138.5	175.7	192.0	207.4	202.0	203.4	204.5	208.7

r = Revised.

[1] Includes ordnance and accessories, instruments and related products, and miscellaneous manufacturing.

[2] Includes textile mill products, petroleum and coal products, and leather and leather products.

Place of Work Concept Method by which an employed individual is counted in the area where he works regardless of the area where he lives.

Source: Bureau of Labor Statistics, U.S. Department of Labor.

Manufacturing hourly earnings (annual average)

Industry	1970 Annual Average	1975 Annual Average	1980 Annual Average	1981 Annual Average	1982 Annual Average	1983 Annual Average	1984[r] Annual Average	1985 Annual Average
Manufacturing	$3.70	$5.40	$ 8.67	$ 9.60	$10.01	$10.09	$10.24	$10.32
Durable goods	3.60	5.45	8.70	9.74	10.18	10.35	10.51	10.72
Lumber and furniture	2.99	4.44	6.94	7.53	7.98	8.26	8.55	8.78
Stone, clay and glass products	3.53	5.02	7.93	8.66	9.23	9.41	9.83	9.93
Primary metal industries	3.81	5.73	9.70	10.72	11.49	12.19	11.28	11.69
Fabricated metal products	3.35	4.84	7.01	7.65	8.36	8.80	8.83	8.99
Machinery except electrical	4.05	6.36	10.36	11.78	12.34	12.33	12.56	12.83
Farm machinery	4.27	6.80	10.97	12.67	13.27	13.14	13.48	13.94
Construction and related machinery	4.02	6.54	10.92	12.22	12.73	13.40	13.84	14.46
Electrical equipment and supplies	3.26	4.59	7.47	8.37	8.95	9.59	9.88	10.39
Transportation equipment	3.15	4.17	6.54	7.46	7.83	8.12	8.03	8.13
Other durable goods	3.26	4.18	6.13	6.72	7.31	7.67	8.09	—
Nondurable goods	3.82	5.32	8.63	9.39	9.80	9.75	9.89	9.82
Food and kindred products	4.04	5.75	9.55	10.22	10.35	9.73	9.61	9.64
Meat products	4.59	6.43	10.75	11.33	11.03	9.55	8.98	8.92
Grain-mill products	3.80	5.77	9.03	10.13	11.07	11.56	12.30	12.83
Apparel and other textile products	2.26	2.85	4.53	5.09	5.50	5.76	5.83	6.00
Paper and allied products	2.94	4.55	6.88	7.56	8.22	8.65	9.06	9.22
Printing and publishing	3.86	5.03	7.82	8.79	9.82	10.44	10.61	10.52
Newspapers	4.15	5.03	6.76	7.29	7.82	7.88	7.51	7.26
Chemicals and allied products	3.72	5.44	8.46	9.40	10.27	10.88	11.42	11.63
Rubber and plastic products, nec	4.17	5.37	8.58	9.47	9.98	10.64	1.15	10.78
Other nondurable goods	2.09	2.61	4.83	5.27	5.51	5.62	5.81	—

r = Revised.

a. Estimates are based upon a sample of full or part-time production and related employees, who worked or received pay in the above industry groups during the week containing the 12th. Average hourly earnings reflect, in addition to changes in basic and incentive wage rates, such variable factors as overtime, late shift work, changes in output of workers paid on an incentive basis, and changing employment of workers, between relatively high-paid and low-paid work, and full-time status. Based on 1967 Standard Industrial Classification.

b. Included in "other durable goods."

Source: Bureau of Labor Statistics, U.S. Department of Labor.

Metropolitan workforce

	Labor Force (000)			Total Unemployment Rate			Non-Agriculture Employment (000)		
Area	1983	1984[r]	1985	1983	1984[r]	1985	1983	1984[r]	1985
IOWA	1,421.0	1,412.0	1,416.0	8.1	7.0	8.0	1,040.4	1,074.7	1,074.7
Cedar Rapids	84.7	84.0	86.3	8.3	7.2	7.2	76.3	78.4	81.0
Des Moines	196.8	201.5	205.2	7.2	5.7	6.4	182.0	189.5	192.3
Dubuque	42.7	41.9	42.2	12.1	8.5	9.7	37.7	39.7	39.7
Iowa City	(1)	54.0	54.8	(1)	2.4	3.2	45.4	47.7	48.2
Sioux City	54.9	56.5	56.6	7.6	7.3	8.6	47.3	48.3	48.2
Waterloo - Cedar Falls	76.1	72.3	70.5	12.6	11.4	13.7	64.5	63.4	60.3

	Employment (000)			Manufacturing Average Weekly Hours			Average Weekly Earnings		
Area	1983[r]	1984[r]	1985	1983[r]	1984[r]	1985	1983[r]	1984[r]	1985
IOWA	2.3	211.9	204.9	39.8	40.2	40.2	401.6	411.6	414.9
Cedar Rapids	21.3	21.4	21.9	40.9	41.7	40.5	433.5	458.3	455.2
Des Moines	22.1	23.5	22.6	38.9	40.7	39.9	445.8	498.2	466.0
Dubuque	10.5	11.9	12.0	40.1	40.8	40.0	420.3	444.7	468.4
Iowa City	3.7	3.8	3.9	(1)	(1)	(1)	(1)	(1)	(1)
Sioux City	9.0	9.5	10.0	39.8	38.0	38.9	353.8	333.3	320.9
Waterloo - Cedar Falls	17.9	16.5	14.0	(1)	(1)	(1)	(1)	(1)	(1)

r = Revised.

1 Not available.

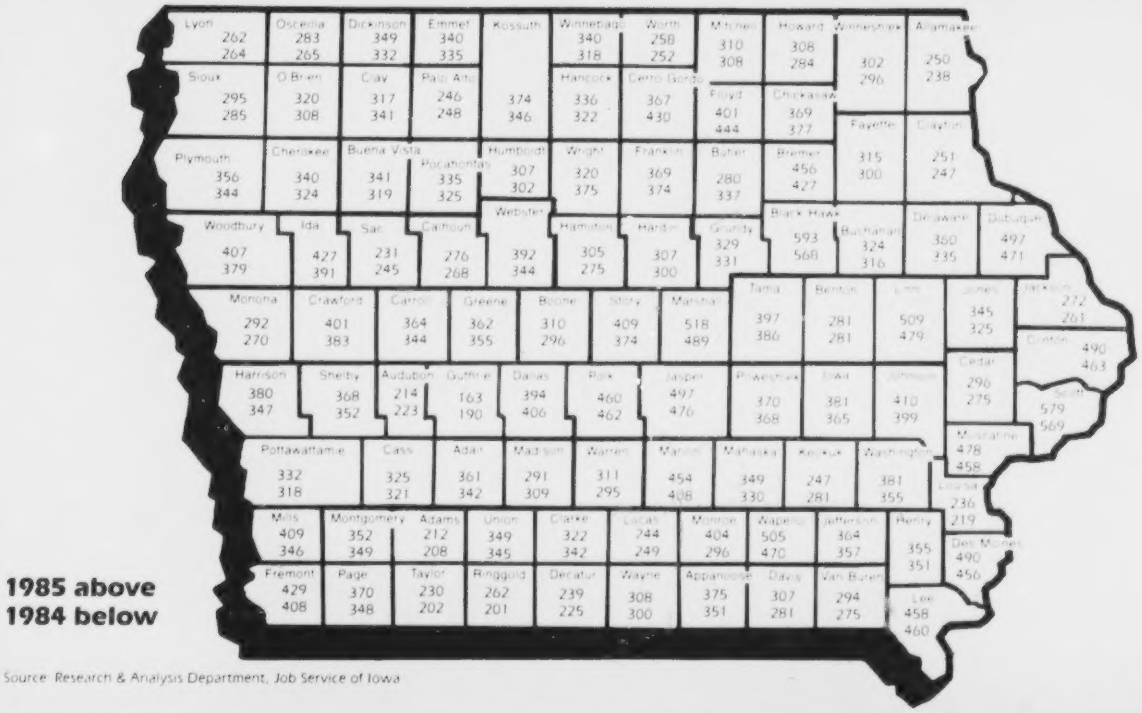
Source: Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics. May 1986.

Unemployment rates

County	1981	1982	1983	1984	1985
Adair	4.0	4.4	5.4	4.8	4.6
Adams	4.2	5.7	5.3	5.2	5.6
Allamakee	8.8	9.3	8.8	9.6	10.5
Appanoose	10.1	14.1	13.2	11.5	11.4
Audubon	4.4	5.1	6.3	7.5	8.6
Benton	7.5	12.5	8.8	6.8	8.5
Black Hawk	8.0	12.1	13.2	11.9	14.5
Boone	5.0	7.2	7.5	5.6	6.5
Bremer	6.8	9.7	9.2	7.6	9.5
Buchanan	7.1	9.7	11.6	9.6	11.3
Buena Vista	4.4	7.2	4.9	4.1	5.0
Butler	7.5	9.9	10.7	8.0	9.6
Calhoun	4.6	5.8	5.7	4.8	7.6
Carroll	6.7	7.4	6.2	5.7	8.0
Cass	5.1	5.3	5.5	7.7	8.0
Cedar	4.1	6.8	6.6	5.5	6.7
Cerro Gordo	7.1	7.9	7.8	6.7	8.1
Cherokee	5.6	5.2	4.8	4.7	5.3
Chickasaw	10.7	11.7	13.3	11.3	12.3
Clarke	7.1	8.6	7.4	7.4	8.9
Clay	5.6	5.7	5.6	7.3	7.8
Clayton	8.2	10.2	9.2	9.2	10.7
Clinton	8.2	12.5	11.8	9.7	10.8
Crawford	4.8	6.3	5.4	5.5	6.8
Dallas	6.3	7.2	6.7	5.3	5.6
Davis	8.1	10.4	11.5	9.3	10.0
Decatur	5.4	5.9	8.2	6.7	7.0
Delaware	8.3	10.4	10.4	8.6	11.2
Des Moines	9.9	12.9	13.1	10.7	10.8
Dickinson	6.3	7.4	7.5	8.5	9.8
Dubuque	10.7	14.2	12.1	8.5	9.7
Emmet	6.7	12.7	13.6	11.0	14.8
Fayette	6.7	10.5	10.1	8.7	10.2
Floyd	12.3	14.5	17.0	11.2	15.2
Franklin	4.2	6.9	7.9	6.8	7.3
Fremont	3.1	4.6	4.8	5.9	8.5
Greene	7.2	8.4	8.0	8.5	9.3
Grundy	3.9	6.1	7.6	6.2	6.1
Guthrie	5.7	6.2	5.6	6.0	7.2
Hamilton	5.6	6.0	6.4	6.1	6.3
Hancock	5.2	7.7	6.5	5.1	9.7
Hardin	4.3	4.8	4.8	5.3	6.1
Harrison	5.4	8.2	8.6	7.7	9.2
Henry	7.7	8.1	8.1	6.9	7.5
Howard	6.5	8.1	7.8	6.8	9.5
Humboldt	5.4	6.8	7.3	7.2	7.6
Ida	3.2	3.2	3.3	4.0	5.0
Iowa	4.7	6.7	4.7	3.7	6.5
Jackson	10.1	13.5	13.5	10.3	11.8
Jasper	8.0	10.6	8.6	7.2	6.2
Jefferson	7.0	10.3	8.3	6.4	7.2
Johnson	4.7	4.2	3.5	3.2	3.2
Jones	6.3	9.1	8.5	7.2	8.6
Keokuk	10.5	10.6	9.7	9.1	8.3
Kossuth	6.3	7.2	6.4	5.9	8.5
Lee	9.0	12.0	11.1	9.0	10.3
Linn	8.1	9.7	8.3	7.1	7.2
Louisa	3.7	6.0	11.0	9.0	10.3
Lucas	6.2	7.7	6.9	7.4	7.6
Lyon	4.4	3.3	4.4	4.2	4.6
Madison	7.2	8.1	8.3	7.4	7.3
Mahaska	6.7	8.3	7.2	6.6	8.4
Marion	4.0	5.3	4.6	3.7	3.9
Marshall	6.2	9.4	10.6	8.2	7.9
Mills	4.1	4.3	4.7	5.6	7.3
Mitchell	8.2	8.1	9.6	7.3	9.7
Monona	6.0	7.2	7.0	7.1	8.9
Monroe	9.3	14.0	12.8	10.9	12.8
Montgomery	5.3	6.3	6.2	7.0	9.0
Muscatine	5.6	7.0	7.7	6.6	7.8
O'Brien	4.1	4.2	4.2	4.8	4.8
Osceola	6.3	7.3	6.8	7.3	7.6
Page	4.9	7.4	7.8	6.8	8.2
Palo Alto	6.4	7.5	8.3	7.7	8.4
Plymouth	5.3	5.7	5.4	5.8	6.8
Pocahontas	5.3	7.5	6.5	5.5	6.0
Polk	7.3	8.0	7.5	6.0	6.7
Pottawattamie	8.1	8.0	6.6	7.8	7.3
Poweshiek	5.0	6.7	6.4	5.6	6.5
Ringgold	3.8	5.8	8.6	7.2	7.2
Sac	6.5	11.1	10.4	10.0	9.3
Scott	7.9	11.2	10.8	8.5	8.6
Shelby	4.9	5.5	5.7	8.9	9.2
Sioux	4.8	4.5	4.0	4.0	4.9
Story	4.0	4.3	4.3	3.2	3.4
Tama	3.3	4.8	4.5	4.6	7.8
Taylor	4.0	6.0	8.6	8.8	8.3
Union	5.9	6.2	7.4	7.2	7.3
Van Buren	8.0	10.7	9.7	7.6	10.2
Wapello	11.6	12.3	12.7	10.2	12.0
Warren	5.6	5.6	5.1	4.4	5.1
Washington	5.9	6.7	7.3	6.2	8.1
Wayne	4.4	6.1	7.1	6.6	7.6
Webster	6.7	8.1	8.3	7.6	9.1
Winnebago	6.5	6.8	5.3	3.7	7.1
Winneshiek	7.1	6.7	7.3	6.7	7.7
Woodbury	7.8	8.1	7.5	7.3	8.6
Worth	8.0	8.3	7.9	7.5	9.1
Wright	4.9	5.7	6.1	5.7	7.9
IOWA	6.9	8.5	8.2	7.1	8.0

Source: Bureau of Labor Statistics, U.S. Department of Labor

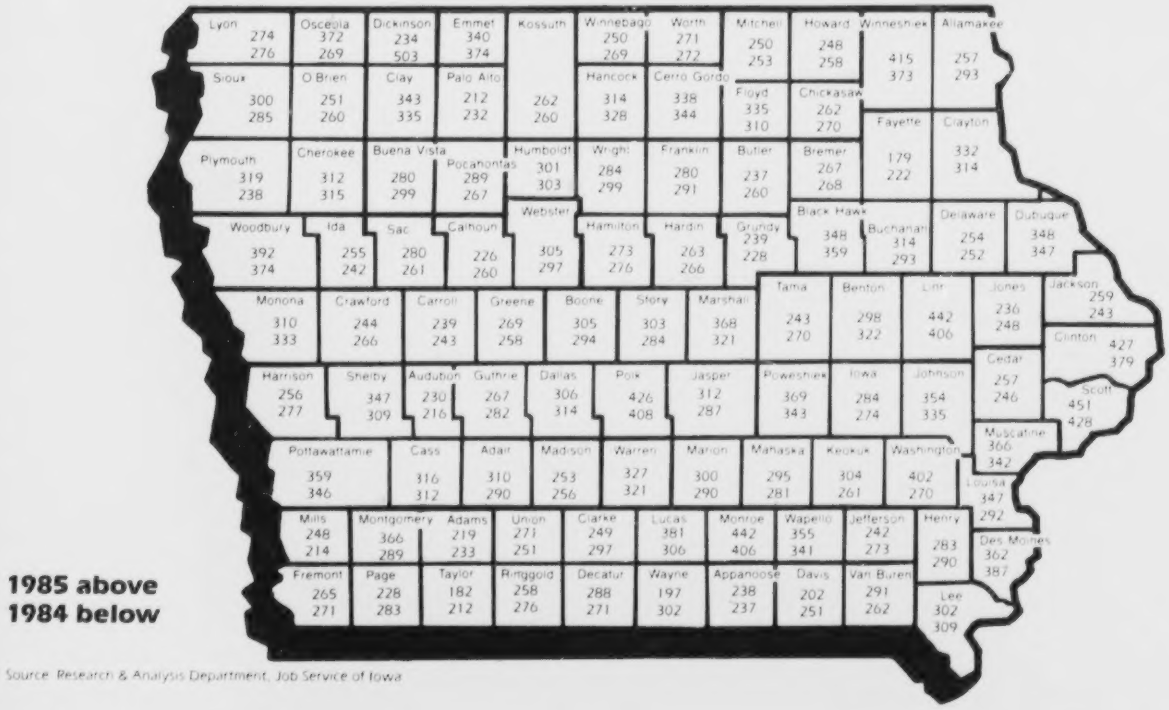
Average weekly manufacturing wage



1985 above
1984 below

Source: Research & Analysis Department, Job Service of Iowa

Average weekly construction wage



1985 above
1984 below

Source: Research & Analysis Department, Job Service of Iowa

Iowa
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